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## Free fire 4k ultra hd wallpaper



Rich Shibley/Digital TrendsYour dad may still grumble that he has to buy all his favorite movies on Blu-ray again after buying them on DVD, but the transition to the next format is already on. And it's happening even faster, according to Gary Shapiro, president of the Consumer Technologies Association. 4K Ultra HD accounts for nearly 50% of total TV sets sales, Shapiro announced at a meeting in San Francisco on Monday. And of course, almost every TV over 50 inches is now 4K Ultra HD. 4K first migrated from cinema to consumer living rooms in 2012, but with prices around \$25,000 for hardware like Sony's first 4K TV and few movies to watch at all, mainstream adoption seemed a long way off. He arrived faster than expected, Shapiro says. Some compare switching to 4K with switching to HD, but this transition is actually faster and more robust than switching to HD. According to Shapiro, the figures say: In the year four transitions to HD, we sold only 2.9 million units. But now, [with 4K], we're moving 15 million units. More than five times as many units. Our population hasn't grown that much in the last 15 or 20 years. Credit lower prices. According to the CTA, the average 4K TV sold for \$1,048 in 2014, compared to \$861 in 2016. LG's magnificent G6 will still cost you a cool \$8,000, but on the other hand, the consumer entering Best Buy today can come out with a 43-inch Insignia 4K TV for \$299. The content question still looms: What can you watch? But for once, the industry has the answers. All Netflix original series are available in 4K, and Amazon Video followed suit with its own 4K offerings. 4K Ultra HD Blu-ray players have finally come into effect, offering high resolution without compression. According to Amy Jo Smith of Digital Entertainment Group, a trade group made up of both TVs manufacturers and content manufacturers, the industry is only in 2016. We're not moving away from Blu-ray, she assured movie buyers of the format, which just turned 10. According to Smith, there are currently 63 films available in 4K Ultra HD Blu-ray, a third of which are new releases. While 4K made great progress in the first half of 2016, the real test remains ahead in the fourth quarter, when the CTA expects consumers to cut down 4K TVs for the holidays. 4K editors' recommendations refer to one of two high-resolution resolutions: 3840 x 2160 pixels or 4096 x 2160 pixels. 4K is four times the pixel resolution, or twice the line resolution (2160p), of 1080p (1920 x 1080 pixels). Other high-resolution resolutions used are 720p and 1080i. These are the resolutions most commonly used in larger TVs to create better detailed images. 4K resolution is used in commercial digital cinema using 4096 x option, where many movies are shot or finalized in 4K upscaling from 2K (1998 x 1080 for page ratio 1.85:1 or 2048 x 858 for page ratio 2.35:1). Under its two official consumer labels, Ultra HD and UHD, 4K is well established in consumer and home theater, using the 3840 x 2160 pixel option (technically it's 3.8K, but saying 4K is easier). In addition to Ultra HD or UHD, 4K is also mentioned in professional settings like 4K x 2K, Ultra High Definition, 4K Ultra High Definition, Quad High Definition, Quad Resolution, Quad Full High Definition, QFHD, UD, or 2160p. Alex Dos Diaz/Lifewire This information applies to TVs from various manufacturers, including, but not limited to, those made by LG, Samsung, Panasonic, Sony and Vizio. What makes 4K resolution significant is that with the use of increasing TV screen sizes as well as video projectors, it provides much more detailed and fewer pixels of visible image than 1080p. 1080p looks great up to about 65 inches, and can still look good in larger screen sizes, but 4K can deliver an even better picture as screen sizes continue to increase. Resolution remains constant regardless of screen size. However, as the screen increases, what changes is the number of pixels per inch. This means that pixels need to be increased in size and, or spaced further to maintain the same number of pixels on the screen. OPPO Digital There are many 4K Ultra HD TVs available, as well as an increasing number of 4K and 4K enhanced video projectors. For added support in home theater lineups, most home theater AV receivers have either a 4K passing and/or 4K ability to upscaling video.4K content is available from several streaming sources, such as Netflix, Vudu and Amazon, as well as through Ultra HD Blu-ray Disc formats and players. While there are many Blu-ray disc players that upscale the standard 1080p Blu-ray disc on 4K, only ultra HD Blu-ray Disc player can play discs that contain the right 4K resolution. On the satellite part of the equation, DirecTV and Dish can deliver a limited selection of prerecorded and live 4K content via satellite to their subscribers (provided they have a compatible satellite box, compatible TV, and subscribe to the appropriate plan). For those who prefer access to content via cable, your choices are definitely limited. So far, Comcast provides a limited amount of live and on-demand 4K programs, plus access to 4K Netflix. If you have a 4K Ultra HD TV, check with your local cable provider to see if it offers a compatible 4K service. Tv broadcasting is where 4K deployment lags behind. Although South Korea and Japan have taken the lead with regular 4K TV broadcasts, it is completing field testing in the US to iron out problems such as compatibility with the current broadcast system and add costs that will be incurred at stations. The AMERICAN 4K TV broadcasting system is called ATSC 3.0 (NextGen). Selected stations in the 40 largest U.S. TV markets are expected to begin regular broadcasts by the end of 2020. The increasing availability of 4K provides consumers with a vastly improved video image for larger screen apps and can greatly reduce viewers' ability to see any visible pixel structure on the screen unless you set yourself extremely close. That means even smoother edges and depth. Combined with faster screen refresh speeds, 4K has the potential to deliver almost as much depth as 3D - without the need for glasses. Implementing Ultra HD doesn't make 720p or 1080p TV obsolete, although as 4K Ultra HD TV sales and prices go down, fewer 720p and 1080p TVs are running. Also, the current HDTV TV broadcasting infrastructure will not be abandoned anytime soon, even when ATSC 3.0 starts being used to transmit content. Of course, just as with the transition of DTV from 2009, there may be a safe date and time where 4K can become the default standard of TV broadcasting, but that means a lot of infrastructure needs to be in place. What's behind 4K? How about 8K? 8K is 16 times the resolution of 1080p. There are a limited number of 8K TVs available for purchase by U.S. consumers, with Samsung taking the lead but no actual 8K content available to watch in the U.S. This means viewers will be looking at images on 8K TVs that are upscaled by 4K, 1080p, 720p or other lower resolutions for a while. However, Japan began broadcasting one channel of 8K content. Here's how to compare 1080p, 4K and 8K pixel resolution even modestly priced digital cameras: 1080p (1920x1080) is 2.1 megapixel.4K (3840 x 2160 or 4096 x 2160) is about 8.5 megapixel. With 8K (7680 x 4320 pixels – 4320p) only, you enter the pixel resolution range of the best professional digital cameras – 33.2 megapixel. You're most likely taking pictures with much higher resolution than you can see on your TV screen when it comes to video music. Of course, all of the above is that you are the one who needs to be satisfied with what you see on the TV screen - increased resolution is one part, but other factors such as video processing/upscaling, color consistency, black-level response, contrast, screen size and how the TV physically looks in your room should also be taken into account. Thank you for telling us! Tell us why! Graphic designer and illustrator Hampus Olsson made the official OnePlus 3 wallpapers available to the public. In the OnePlus tradition, a new papes pack full of abstract eye candy with swirly colors and trippy terrain renders.Mr. Olsson is also the artist behind oneplus 2 and OnePlus X backgrounds, where he experimented with putting acrylic in Space. However, he decided to take it a step further for a new flagship, and the results are quite amazing, we must say. The artist is promoting his wallpaper app Abstract, which is coming soon to Android and iOS, with a selection of amazing high-resa wallpapers, available to download in glorious 4K more on his blog linked below. Source: Hampus Olsson (Abstract) via OnePlus forum SUBSCRIBE TO OUR NEWSLETTER! (Pocket-lint) - What is the best TV to buy? We'll answer that here, plus more. While 8K is a fast-approaching dream, there is still plenty of life in 4K - not least because the amount of content is growing. There is a huge amount of choice and a lot of confusion in the TV: you will see UHD, Ultra HD and 4K used to describe the level of detail that TVs can offer, as well as talking about HDR (high dynamic range) including different specifications such as HDR10, HDR10+ and Dolby Vision - just to make the matter confusing. So, without further ado, let's choose the best 4K TV for you. LGsquirrel\_widget\_148726TThere is only one problem with this TV - it does not have HDR10+ because it is a pioneer of Samsung. Otherwise, though, it's an exceptional TV, with a phenomenal money picture, Dolby Vision and Dolby Atmos support, LG's excellent webOS-powered smart TV interface and an impressively low input backlog. There's also super sound quality - not something you can say with lots of TVs. It looks and feels like last year's C8 (though), but that's not a bad thing because we really loved the frameless design. All in all, an astonishing package. LG OLED C9 TV review: Intelligent evolution Samsungsquirrel\_widget\_148755Our pick of Samsung's QLED models, the Q70R is an impressive all-rounder that promises QLED performance for a more respectable price point than the Q85R or Q90R mentioned below. But drop a lot of plugins from the Q85R, since the Samsung Q70 doesn't have a black filter, wider viewing angles, and a One Connect frame. However, it retains direct lighting, local dimming, Quantum Dots, AI chipset, HDR10+ support and a comprehensive platform for smart TVs. As with siblings, the lack of Dolby Vision and Dolby Atmos is disappointing. Samsung Q70R 4K HDR TV review: QLED without a premium Panasonicssquirrel\_widget\_158204Exceptional value for money. You don't have to know much more, do you there? For a mid-range set, it offers an exceptional LCD image that lacks just a little brightness and viewing angle when you compare it to premium LCD TVs. For a fringe LCD set, it does a great job of managing its light and there is no evidence of light inforeescence, blocking or banding. It also supports Both Dolby Vision and HDR10+ as well as Dolby Atmos, making an impressive list of supported formats. Panasonic GX800 4K TV review: LCD Samsungsquirrel\_widget\_160656It is still quite expensive, but this is not the top of the line QLED for this year. Instead, it's a Samsung Q90R deal that costs much more and we mentioned below on this list. Nevertheless, the Q85 offers almost the same experience. It's not quite as bright, but it offers extremely sharp images and colorful HDR. It's a decent step up from the Q70R above with Samsung's OneConnect framework and a better viewing experience. There is also a super smart TV system. Pictures of this TV do things that LCD TVs should not be able to do according to our reviewer. So despite the lack of Dolby Vision support (Samsung is all about HDR10 and 10+), it's a hefty package, even if the price will be above many. Samsung Q85R 4K TV review: The powerful image performance LGsquirrel\_widget\_144516LG is one of the dominant forces at the high end of the TV market and this set is an amazing and comprehensively presented QLED TV. Building on last year's B7 and C7 models, the C8 upgrades the ante with an even better image, sound and features (Dolby Atmos plus every version of HDR is supported, for example). We also love LG's smart TV platform based on WebOS. It's true that Samsung's QLED range is brighter and thus capable of better HDR, but LG's OLED boards mean a better experience overall thanks to deeper blacks. LG OLED C8 review: Simply stunning Pocket-lintssquirrel\_widget\_143465With no Dolby Vision, lack of catch-up TV options and only two FULL-SPEC HDMI ports, you'd be forgiven for thinking we're overpriced this TV. But it is a strong contender because of the price below £2,000 and the general feature. It's really a mention of the lack of Dolby Vision that means it has to get behind LG's C8 OLED on this list. This set also features super Philips Ambilight, still a unique feature. It also has superior image processing SDR-to-HDR, premium color (our reviewer particularly liked the way the tone displayed skin tones) and plenty of contrast. Philips' proprietary Perfect Natural Reality technology - part of its image processor of another P5 gene, uses an intelligent contrast algorithm to improve images (brightness, sharpness and contrast) in each scene. Philips 55OLED803 review: Ambilight and multiple Panasonicssquirrel\_widget\_144946We I think it would be hard to find a better OLED TV for money - this is a great addition to the Panasonic line-up. It adds some excellent new features, but manages to keep a competitive price. While the LG C8 looks flashy, it's more expensive. Most impressive is the way Panasonic's Studio Colour HXC processor delivers beautifully defined colors and plenty of detail in darker areas. The only drawback with this TV is the lack of Dolby Vision support. Panasonic FZ802 QLED TV review: New standard for accuracy Samsungsquirrel\_widget\_148516Our review calls it a complete QLED package - you may remember that Samsung is not plump for OLED, sticking to its own technology Its QLED setup features Quantum Dot technology, direct LED taillights and sophisticated local dimming. It's an exceptional TV that also has an updated smart platform with even more content providers, including the addition of Apple's iTunes. There's also a universal guide and a built-in Bixby voice assistant. The Q90R is easily the best 4K TV Samsung has produced to date. The Q90R is available in four screen sizes: the 55-inch QE55Q90R, the 65-inch QE65Q90R, the 75-inch QE75Q90R and the massive 82-inch QE82Q90R. Samsung Q90R 4K TV Panasonicssquirrel\_widget\_167706As we said in our review, Panasonic GZ2000 represents a turning point. It's a premium OLED TV that gets a lot more brightness from oled screens than any other before it. The sound system is overblown and perhaps should have been reduced in scope - but there is room for other versions of this TV to sit under it. In short, absolutely fabulous OLED TV from Pane, here. Sonysquirrel\_widget\_148517A improvement compared to its predecessor, the XF is a stunning TV which - thanks to direct LED lighting with local dimming means there are bags of contrast that are perfect for HDR. And it's crucial that this setup improves on the excellent Sony XE90 TV. It's also great value for money although there are a few negatives - we've spotted some light blooming around a few bright objects, while the Android-based smart TV interface isn't a patch on, say, LG's WebOS-based system even though you get YouView. And we didn't like the big corner support stalls even though they gleefully allow you to hide your cables. Sony XF9005 review: Full lighting makes Bloomin's great brightness with delicious image quality Philipssquirrel\_widget\_172710With according to our review, the 934 is one of the best OLED TVs and comes with all the perks of Philips' growing TV reputation, not just Android TV and smart, slim design. The only negative is that we are not massive fans of Dolby Atmos tuning through the included Bowers &amp; Wilkins soundbar. One of the confusing things about television is the jargon that goes with them. Here is a very brief overview of important things to look out for:HDR - high dynamic range, to bring the latest color and contrast, also called HDR10. Dolby Vision - an alternative form of HDR, promising a more improved HDR experience. Ultra HD/UHD/4K - 3840 x 2160 pixel resolution. OLED - Organic LED, where light is emitted from each pixel, meaning deep blacks, vibrant colors and incredibly thin designs. QLED - Samsung's latest quantum dot display, based on LED and not to be confused with OLED. Direct LED - where the source of illumination is directly behind the screen, which means deep black, but thicker designs. Edge LED - where the lighting source is in the edges and channeled across the back of the screen, in thin designs, but with lighting control of direct LED or OLED panels. This is the biggest battle on television right now and this is where you're going to have to make the biggest decision. What display technology do you want? Here's the current state of the game: OLED produces light from each pixel instead of having front or back lighting like LED. This means that OLED can achieve better absolute black, because just turn off the illumination of that pixel. Higher contrast and better viewing angles often lead to richer colors and greater accuracy, but the brightness level is not so high. OLED can often look better, but it's not as dramatic with HDR and can sometimes struggle with the definition between absolute black and slightly above absolute black. However, OLED panels can be really thin, presenting great design options. The LED is brighter than OLED, and some TVs have nearly 2,000 nits. The real difference this makes is that it can really increase color and that and super-charging HDR performance, making those bright whites even brighter - and at the same time cutting through reflections in bright rooms. It's also cheaper technology than OLED so LED kits are often cheaper overall (but there are exceptions). LED TVs can be direct or illuminated at the edge, but lighting should be distributed behind the board and controlled in segments or zones. Direct will otherwise be the most capable, while some cheaper TVs can only be lit on one side, some on two sides. QLED from Samsung is a form of LED. To help you cut through this puzzle, we've divided LED and OLED into separate parts below. After that, you have to make a call. Also do not forget to check what is MicroLED? THE TV technology that will take over OLED explained Dan Grabham and Chris Hall writing. Hall.

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