

Converting Colors

Hex(F12727)

Have a look what the booklet for
Hex(F12727) contains.

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Color

Hex(F12727)

Conversions

Conversions Part 1

Format	Color
Hex	F12727
RGB	241, 39, 39
RGB Percent	95%, 15%, 15%
CMY	0.0549, 0.8471, 0.8471
CMYK	0.00, 0.84, 0.84, 0.05
HSL	0°, 88%, 55%
HSV	0°, 84%, 95%
XYZ	37.3674, 20.2983, 3.8679
YIQ	99.3980, 120.3920, 42.8240

Conversions

Conversions Part 2

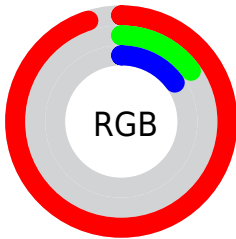
Format	Color
R_{YB}	241, 39, 39
Decimal	15804199
CIE _{Lab}	52.17, 72.44, 51.79
CIE _{LCh}	52, 89.050, 35.565
Yxy	20.2983, 0.6073, 0.3299
Android (android.graphics.Color)	4293994279 (0xFFFF12727)
YUV	99.3980, -29.7762, 124.1850
Hunter-Lab	45.0536, 69.2036, 26.4474

Details

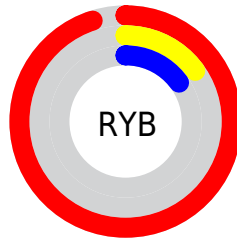
The Hex color **F12727** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **27F1F1**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF6B57**, and **AF0000** is the 20% darker color. If you saturate the color by 10%, you get **F10F0F**, and if you desaturate by 10%, it is **F13F3F**.

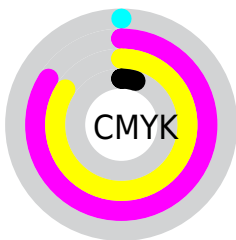
Distribution



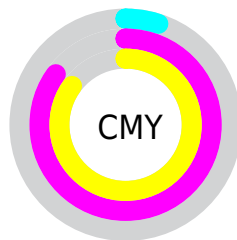
- Red (95%)
- Green (15%)
- Blue (15%)



- Red (95%)
- Yellow (15%)
- Blue (15%)



- Cyan (0%)
- Magenta (84%)
- Yellow (84%)
- Black (5%)



- Cyan (5%)
- Magenta (85%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color F12727 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color F12727 by changing the saturation by 10% instead.

 F12727

 F12727

FFFFFF

 D00010

 FF6B57

 AF0000

 FF8970

 8F0000

 FFA68A

 6F0001

 FFC4A4

 500003

 FFE2C0

 310002

 FFFFDC

 000000

 FFFFF8

 F12727

 F12727

 F10F0F

 F13F3F

 F10000

 F15757

 F16F6F

 F18787

 F19F9F

 F1B8B8

 F1D0D0

 F1E8E8

 F1FFFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FD0072



F12727



C85F00

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F12727



009837



0083FF

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



F12727



27F1F1

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0095FF



F12727



009B89

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F12727



319000



009BD4



865FFB

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F12727



A17600



009BD4



008BFF

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



F12727



FFBFBF



F127F1



805959



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



F12727



FF0000



F18C27



786C6C



B80000



380000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



27F1F1



00FFFF



278CF1



6C7878



00B8B8



003838

Previews

White Background



This preview shows how the Hex color F12727 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex F12727 Background



This preview shows how black text looks on a background with the Hex color F12727.



This preview shows how white text looks on a background with the Hex color F12727.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
F12727

Protanopia
8A7D3C

Deuteranopia
9E770B



Tritanopia
F12725

Trichromacy



Original Color
F12727

Protanomaly
AF5E34

Deuteranomaly
BC5A15

Tritanomaly
F12726

Monochromacy



Original Color
F12727

Achromatopsia
636363

Achromatomaly
974D4D

CSS Examples

Text

The CSS property to change the color of the text to Hex F12727 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #F12727 looks like.

```
.text, #text, p{  
    color:#F12727  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #F12727 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F12727
}
```

Border

The CSS property to change the border of an element to Hex F12727 is called "border". The border property can be set on classes, ids or directly on the HTML element.

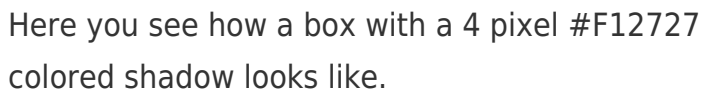
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F12727 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#F12727 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `#F12727` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F12727; -webkit-box-shadow:4px 4px  
4px 4px #F12727; box-shadow:4px 4px 4px  
4px #F12727 }
```

Background

The CSS property to change the background color of an element to Hex F12727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F12727 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#F12727 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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