

Converting Colors

Hex(F50F00)

Have a look what the booklet for
Hex(F50F00) contains.

Hex(F50F00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F50F00)

Conversions

Conversions Part 1

Format	Color
Hex	F50F00
RGB	245, 15, 0
RGB Percent	96%, 6%, 0%
CMY	0.0392, 0.9412, 1.0000
CMYK	0.00, 0.94, 1.00, 0.04
HSL	4°, 100%, 48%
HSV	4°, 100%, 96%
XYZ	37.8270, 19.7541, 1.8192
YIQ	82.0600, 141.8950, 44.0950

Conversions

Conversions Part 2

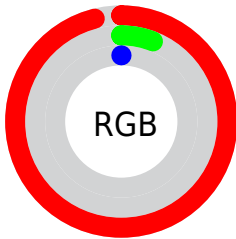
Format	Color
R_{YB}	245, 16, 0
Decimal	16060160
CIE Lab	51.56, 76.58, 65.35
CIE LCh	52, 100.676, 40.474
Yxy	19.7541, 0.6368, 0.3326
Android (android.graphics.Color)	4294250240 (0xFFFF50F00)
YUV	82.0600, -40.4556, 142.8984
Hunter-Lab	44.4456, 74.1389, 28.6851

Details

The Hex color **F50F00** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **00E6F5**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF623A**, and **B20000** is the 20% darker color. If you saturate the color by 10%, you get **F50F00**, and if you desaturate by 10%, it is **F52618**.

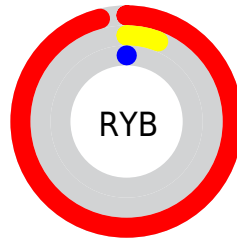
Distribution



Red (96%)

Green (6%)

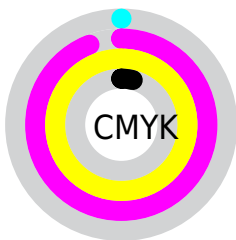
Blue (0%)



Red (96%)

Yellow (6%)

Blue (0%)

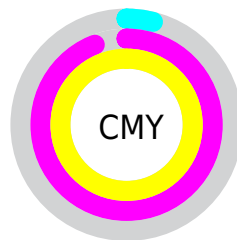


Cyan (0%)

Magenta (94%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (94%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F50F00 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 F50F00 by changing the saturation by 10% instead.

 F50F00

 F50F00

 FFFFF8

 D30000

 FF623A

 B20000

 FF8053

 910000

 FF9E6D

 700001

 FFBC88

 520004

 FFDA A3

 320002

 FFF9BE

 000000

 FFFFDB

 F50F00

 F52618

 F53D31

 F5544A

 F56B62

 F5827B

 F59993

 F5B0AB

 F5C7C4

 F5DEDD

Harmonies

Analogous

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



FF0062



F50F00



C26000

Triad

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



F50F00



00993C



007EFF

Complementary

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



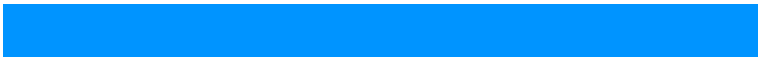
F50F00



00E6F5

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.



0094FF



F50F00



009C98

Square

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



F50F00



009200



009CEB



9A4FFF

Rectangle

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



F50F00



957900



009CEB



0088FF

Sweetspot

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



F50F00



FFB7B3



F500E9



805452



000000



808080

Same Dimension

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



F50F00



FF1000



F58700



7A6F6E



BA0B00



3B0400

Inverse Universe

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



00E6F5



00EFFF



006EF5



6E7A7A



00AFBA



00373B

Previews

White Background



This preview shows how the Hex color F50F00 looks on a white background.

Color Contrast Check

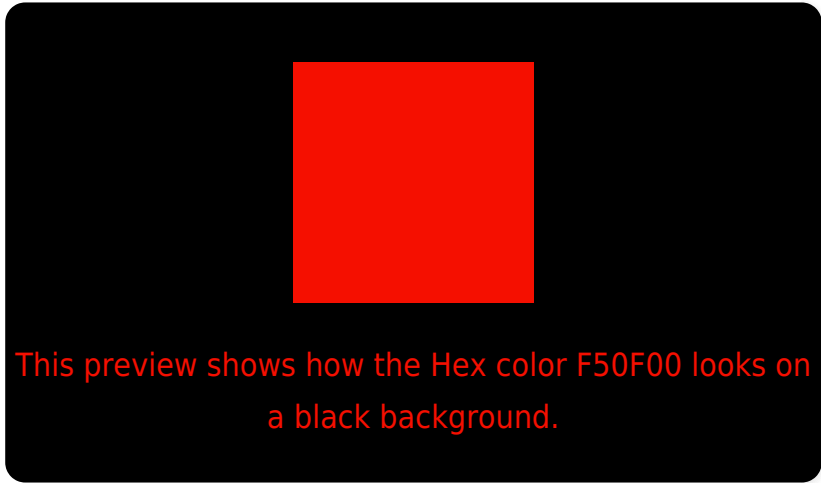
Large Text (above 18pt) WCAG AA ✓ Pass

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 F50F00 Background



This preview shows how black text looks on a background with the Hex color F50F00.

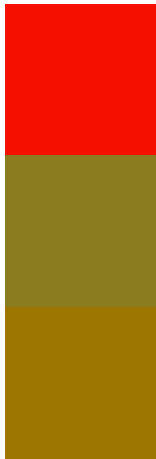


This preview shows how white text looks on a background with the Hex color F50F00.

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
F50F00

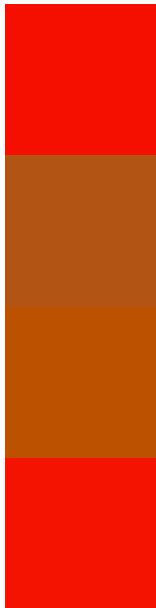
Protanopia
8B7C20

Deuteranopia
9C7600



Tritanopia
F41600

Trichromacy



Original Color
F50F00

Protanomaly
B25414

Deuteranomaly
BC5100

Tritanomaly
F41300

Monochromacy



Original Color
F50F00

Achromatopsia
525252

Achromatomaly
8D3A34

CSS Examples

Text

The CSS property to change the color of the text to Hex F50F00 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 #F50F00 looks like.

```
.text, #text, p{  
    color:#F50F00  
}
```

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 #F50F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F50F00
}
```

Border

The CSS property to change the border of an element to Hex F50F00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

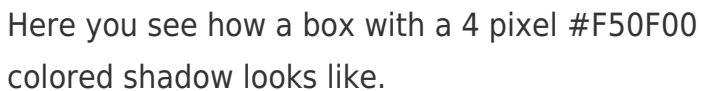
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F50F00 }
```

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

```
.border{ border-color:#F50F00 }
```

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



Here you see how a box with a 4 pixel #F50F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F50F00; -webkit-box-shadow:4px 4px  
4px 4px #F50F00; box-shadow:4px 4px 4px  
4px #F50F00 }
```

Background

The CSS property to change the background color of an element to Hex F50F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F50F00 }
```

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

```
.background{ background-color:#F50F00 }
```

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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