

Converting Colors

Hex(F00005)

Have a look what the booklet for
Hex(F00005) contains.

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Color

Hex(F00005)

Conversions

Conversions Part 1

Format	Color
Hex	F00005
RGB	240, 0, 5
RGB Percent	94%, 0%, 2%
CMY	0.0588, 1.0000, 0.9804
CMYK	0.00, 1.00, 0.98, 0.06
HSL	359°, 100%, 47%
HSV	359°, 100%, 94%
XYZ	35.9626, 18.5362, 1.8260
YIQ	72.3300, 141.4350, 52.4350

Conversions

Conversions Part 2

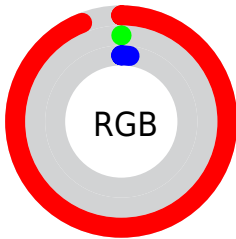
Format	Color
R_{YB}	240, 0, 5
Decimal	15728645
CIE _{Lab}	50.14, 76.55, 62.84
CIE _{LCh}	50, 99.041, 39.383
Yxy	18.5362, 0.6385, 0.3291
Android (android.graphics.Color)	4293918725 (0xFFFF00005)
YUV	72.3300, -33.1937, 147.0466
Hunter-Lab	43.0537, 73.7562, 27.6230

Details

The Hex color **F00005** 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 **00F0EB**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **FF5D3C**, and **AD0000** is the 20% darker color. If you saturate the color by 10%, you get **F00005**, and if you desaturate by 10%, it is **F0181C**.

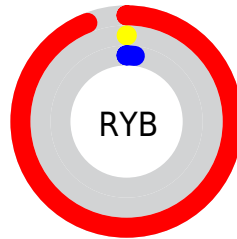
Distribution



Red (94%)

Green (0%)

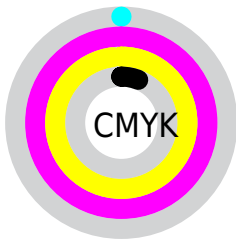
Blue (2%)



Red (94%)

Yellow (0%)

Blue (2%)

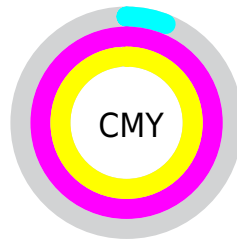


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (6%)



Cyan (6%)

Magenta (100%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color F00005 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 F00005 by changing the saturation by 10% instead.

 F00005

 F00005

 FFFFFFF9

 CE0000

 FF5D3C

 AD0000

 FF7C55

 8C0000

 FF9A6F

 6C0002

 FFB889

 4E0004

 FFD6A4

 2E0002

 FFF5C0

 000000

 FFFFDC

 F00005

 F0181C

 F03034

 F0484B

 F06063

 F0787A

 F09092

 F0A8A9

 F0C0C1

 F0D8D8

Harmonies

Analogous

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



FF0062



F00005



BF5C00

Triad

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



F00005



009436



007CFF

Complementary

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



F00005



00F0EB

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.



0091FF



F00005



009791

Square

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



F00005



008D00



0098E2



914EFC

Rectangle

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



F00005



937400



0098E2



0085FF

Sweetspot

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



F00005



FFB3B4



E800F0



805253



000000



808080

Same Dimension

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



F00005



FF0005



F07000



786C6C



B80004



380001

Inverse Universe

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



F00005



FF0005



0080F0



786C6C



B80004



380001

Previews

White Background



This preview shows how the Hex color F00005 looks on a white background.

Color Contrast Check

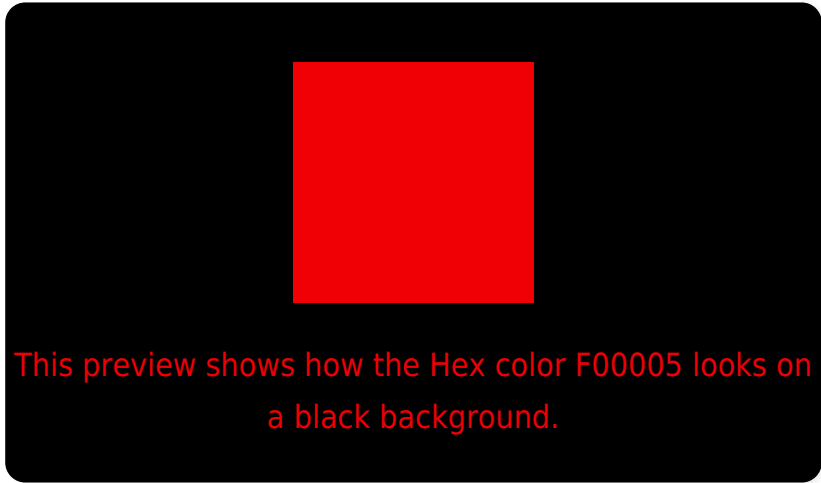
Large Text (above 18pt) WCAG AA ✓ Pass

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 F00005 Background



This preview shows how black text looks on a background with the Hex color F00005.



This preview shows how white text looks on a background with the Hex color F00005.

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
F00005

Protanopia
887920

Deuteranopia
997300



Tritanopia
EE1600

Trichromacy



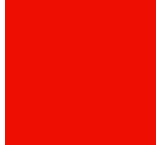
Original Color
F00005



Protanomaly
AE4D16



Deuteranomaly
B94902



Tritanomaly
EF0E02

Monochromacy



Original Color
F00005



Achromatopsia
484848



Achromatomaly
852E30

CSS Examples

Text

The CSS property to change the color of the text to Hex F00005 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 #F00005 looks like.

```
.text, #text, p{  
    color:#F00005  
}
```

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 #F00005 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F00005
}
```

Border

The CSS property to change the border of an element to Hex F00005 is called "border". The border property can be set on classes, ids or directly on the HTML element.

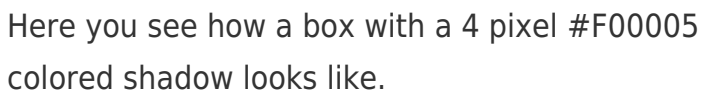
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F00005 }
```

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

```
.border{ border-color:#F00005 }
```

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



Here you see how a box with a 4 pixel #F00005 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F00005; -webkit-box-shadow:4px 4px  
4px 4px #F00005; box-shadow:4px 4px 4px  
4px #F00005 }
```

Background

The CSS property to change the background color of an element to Hex F00005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F00005 }
```

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

```
.background{ background-color:#F00005 }
```

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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