

Converting Colors

Hex(FF0003)

Have a look what the booklet for
Hex(FF0003) contains.

Hex(FF0003)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(FF0003)

Conversions

Conversions Part 1

Format	Color
Hex	FF0003
RGB	255, 0, 3
RGB Percent	100%, 0%, 1%
CMY	0.0000, 1.0000, 0.9882
CMYK	0.00, 1.00, 0.99, 0.00
HSL	359°, 100%, 50%
HSV	359°, 100%, 100%
XYZ	41.2564, 21.2666, 2.0166
YIQ	76.5870, 151.0170, 54.9930

Conversions

Conversions Part 2

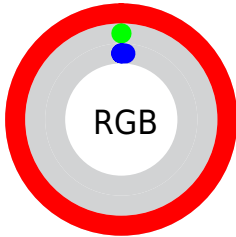
Format	Color
RYB	255, 0, 3
Decimal	16711683
CIELab	53.24, 80.13, 66.46
CIElCh	53, 104.106, 39.675
Yxy	21.2666, 0.6392, 0.3295
Android (android.graphics.Color)	4294901763 (0xFFFF0003)
YUV	76.5870, -36.2784, 156.4682
Hunter-Lab	46.1157, 78.9888, 29.6883

Details

The Hex color **FF0003** 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 **00FFFC**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FF603C**, and **BB0000** is the 20% darker color. If you saturate the color by 10%, you get **FF0003**, and if you desaturate by 10%, it is **FF191C**.

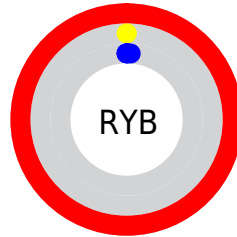
Distribution



Red (100%)

Green (0%)

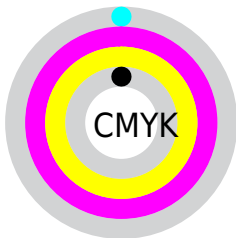
Blue (1%)



Red (100%)

Yellow (0%)

Blue (1%)

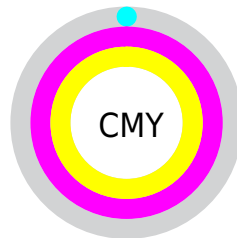


Cyan (0%)

Magenta (100%)

Yellow (99%)

Black (0%)



Cyan (0%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF0003 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 FF0003 by changing the saturation by 10% instead.

 FF0003

 FF0003

 FFFFFA

 DD0000

 FF603C

 BB0000

 FF8056

 9A0000

 FF9F70

 790001

 FFBD8A

 5A0004

 FFDBA5

 3A0002

 FFFAC1

 120000

 FFFFDD

 000000

 FF0003

 FF191C

 FF3335

 FF4D4F

 FF6668

 FF8081

 FF999A

 FF8081

 FFCCCD

 FFE6E6

Harmonies

Analogous

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



FF0067



FF0003



CB6200

Triad

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



FF0003



009E3A



0083FF

Complementary

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



FF0003



00FFFC

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.



009AFF



FF0003



00A19B

Square

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



FF0003



009700



00A1F2



9C53FF

Rectangle

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



FF0003



9C7C00



00A1F2



008DFF

Sweetspot

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



FF0003



FFB3B3



FB00FF



805252



000000



808080

Same Dimension

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



FF0003



FF7B00



807373



BF0002



400001

Inverse Universe

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



FF0003



0084FF



807373



BF0002



400001

Previews

White Background



This preview shows how the Hex color FF0003 looks on a white background.

Color Contrast Check

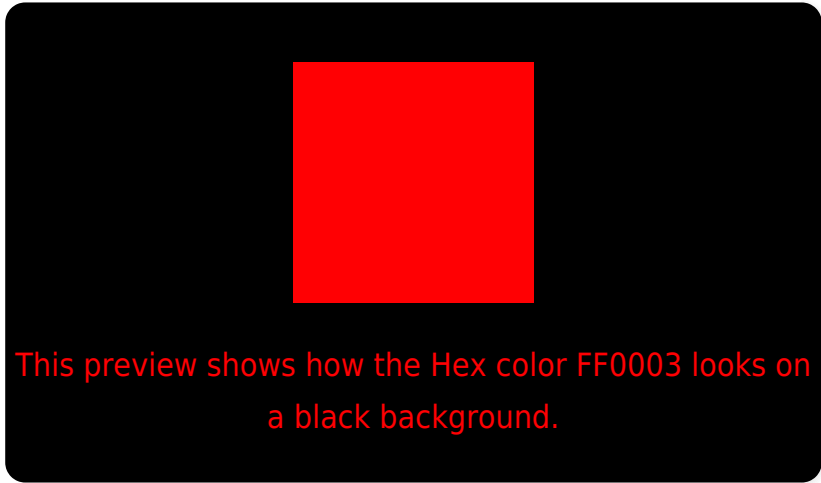
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF0003 Background



This preview shows how black text looks on a background with the Hex color FF0003.



This preview shows how white text looks on a background with the Hex color FF0003.

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
FF0003

Protanopia
908121

Deuteranopia
A27A00



Tritanopia
FD1800

Trichromacy



Original Color
FF0003



Protanomaly
B85216



Deuteranomaly
C44E01



Tritanomaly
FE0F01

Monochromacy



Original Color
FF0003



Achromatopsia
4D4D4D



Achromatomaly
8E3132

CSS Examples

Text

The CSS property to change the color of the text to Hex FF0003 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 #FF0003 looks like.

```
.text, #text, p{  
    color:#FF0003  
}
```

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 #FF0003 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0003
}
```

Border

The CSS property to change the border of an element to Hex FF0003 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".

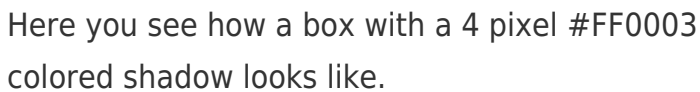
```
.border, #border, table{ border:4px solid
#FF0003 }
```

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

```
.border{ border-color:#FF0003 }
```

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

Here you see how a box with a 4 pixel #FF0003 colored shadow looks like.

A rectangular box with a red border and a red shadow. The box is white with a red border and a red shadow. The shadow is a thick red line that follows the bottom and right edges of the box, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0003; -webkit-box-shadow:4px 4px  
4px 4px #FF0003; box-shadow:4px 4px 4px  
4px #FF0003 }
```

Background

The CSS property to change the background color of an element to Hex FF0003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0003 }
```

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

```
.background{ background-color:#FF0003 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor