

# Converting Colors

Hex(FF0008)

Have a look what the booklet for  
Hex(FF0008) contains.

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**Color**

**Hex(F0008)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF0008
RGB	255, 0, 8
RGB Percent	100%, 0%, 3%
CMY	0.0000, 1.0000, 0.9686
CMYK	0.00, 1.00, 0.97, 0.00
HSL	358°, 100%, 50%
HSV	358°, 100%, 100%
XYZ	41.2838, 21.2775, 2.1608
YIQ	77.1570, 149.4120, 56.5480

# Conversions

## Conversions Part 2

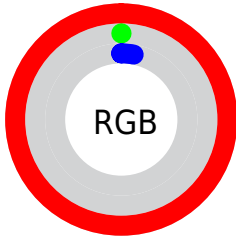
Format	Color
<a href="#">RYB</a>	<a href="#">255, 0, 8</a>
Decimal	<a href="#">16711688</a>
CIELab	<a href="#">53.25, 80.16, 65.25</a>
CIELCh	<a href="#">53, 103.362, 39.146</a>
Yxy	<a href="#">21.2775, 0.6379, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4294901768 (0xFFFF0008)</a>
YUV	<a href="#">77.1570, -34.0944, 155.9683</a>
Hunter-Lab	<a href="#">46.1276, 79.0329, 29.5119</a>

# Details

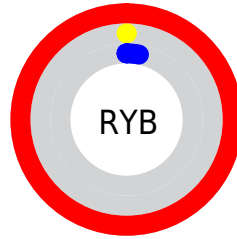
The Hex color **FF0008** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **00FFF7**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FF603F**, and **BB0000** is the 20% darker color. If you saturate the color by 10%, you get **FF0008**, and if you desaturate by 10%, it is **FF1921**.

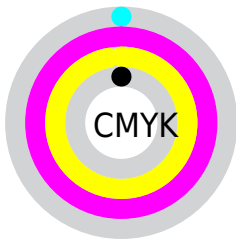
# Distribution



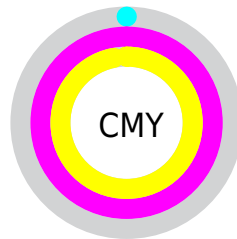
- Red (100%)
- Green (0%)
- Blue (3%)



- Red (100%)
- Yellow (0%)
- Blue (3%)



- Cyan (0%)
- Magenta (100%)
- Yellow (97%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF0008 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 FF0008 by changing the saturation by 10% instead.



 FF0008

 FF0008

FFFFFFD

 DD0000

 FF603F

 BB0000

 FF8058

 9A0000

 FF9F72

 790001

 FFBD8D

 5A0004

 FFDBA8

 3A0002

 FFFAC4

 130000

 FFFFEO

 000000

 FF0008

 FF1921

 FF3339

 FF4D52

 FF666B

 FF8084

 FF999C

 FFB3B5

 FFCCCE

 FFE6E6

# Harmonies

## Analogous

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



FF0069



FF0008



CC6200

# Triad

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



FF0008



009E39



0084FF

# Complementary

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



FF0008



00FFF7

# 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



FF0008



00A199

# Square

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



FF0008



009600



00A1EF



9954FF

# Rectangle

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



FF0008



9D7C00



00A1EF



008EFF



# Sweetspot

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



FF0008



FFB3B5



F700FF



805253



000000



808080



# Same Dimension

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



FF0008



FF7700



807373



BF0006



400002

# Inverse Universe

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



FF0008



0088FF



807373



BF0006



400002

# Previews

## White Background



This preview shows how the Hex color FF0008 looks on a white background.

## Color Contrast Check

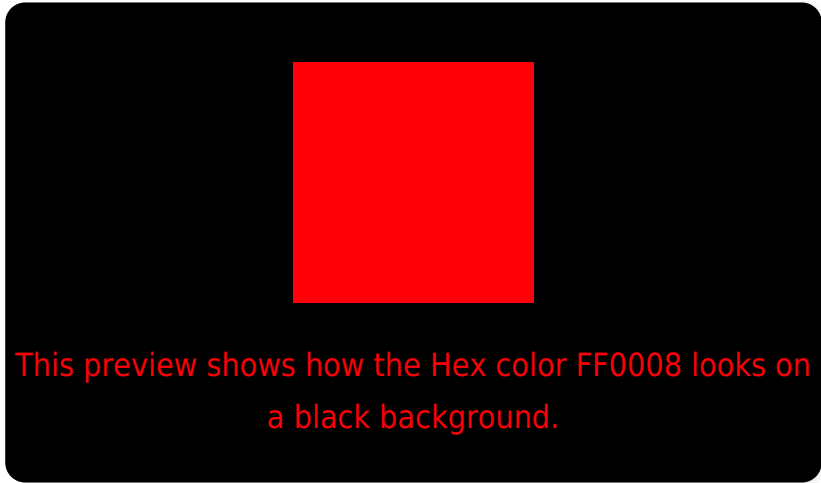
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF0008 Background



This preview shows how black text looks on a background with the Hex color FF0008.



This preview shows how white text looks on a background with the Hex color FF0008.

# 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**  
FF0008

**Protanopia**  
908122

**Deuteranopia**  
A27A00





**Tritanopia**  
FD1800

# Trichromacy



**Original Color**  
FF0008



**Protanomaly**  
B85219



**Deuteranomaly**  
C44E03



**Tritanomaly**  
FE0F03

# Monochromacy



**Original Color**  
FF0008



**Achromatopsia**  
4D4D4D



**Achromatomaly**  
8E3134

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF0008 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 #FF0008 looks like.

```
.text, #text, p{  
    color:#FF0008  
}
```

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 #FF0008 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0008 }  
}
```

## Border

The CSS property to change the border of an element to Hex FF0008 is called "border". The border property can be set on classes, ids or directly on the HTML element.

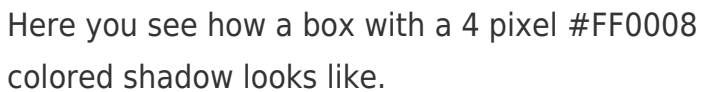
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #FF0008 }  
}
```

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

```
.border{ border-color:#FF0008 }
```

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



Here you see how a box with a 4 pixel #FF0008 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0008; -webkit-box-shadow:4px 4px  
4px 4px #FF0008; box-shadow:4px 4px 4px  
4px #FF0008 }
```

# Background

The CSS property to change the background color of an element to Hex FF0008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0008 }
```

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

```
.background{ background-color:#FF0008 }
```

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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