

# Converting Colors

Hex(F8000B)

Have a look what the booklet for  
Hex(F8000B) contains.

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# Color

**Hex(F8000B)**

# Conversions

Conversions Part 1	
Format	Color
Hex	F8000B
RGB	248, 0, 11
RGB Percent	97%, 0%, 4%
CMY	0.0275, 1.0000, 0.9569
CMYK	0.00, 1.00, 0.96, 0.03
HSL	357°, 100%, 49%
HSV	357°, 100%, 97%
XYZ	38.7718, 19.9806, 2.1298
YIQ	75.4060, 144.2770, 55.9970

# Conversions

## Conversions Part 2

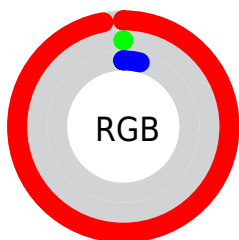
Format	Color
<a href="#">RYB</a>	<a href="#">248, 0, 11</a>
Decimal	<a href="#">16252939</a>
CIELab	<a href="#">51.82, 78.51, 63.04</a>
CIELCh	<a href="#">52, 100.686, 38.760</a>
Yxy	<a href="#">19.9806, 0.6368, 0.3282</a>
Android (android.graphics.Color)	<a href="#">4294443019</a> (0xFFFF8000B)
YUV	<a href="#">75.4060, -31.7522, 151.3649</a>
Hunter-Lab	<a href="#">44.6997, 76.6036, 28.4649</a>

# Details

The Hex color **F8000B** 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 **00F8ED**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF5F40**, and **B50000** is the 20% darker color. If you saturate the color by 10%, you get **F8000B**, and if you desaturate by 10%, it is **F81923**.

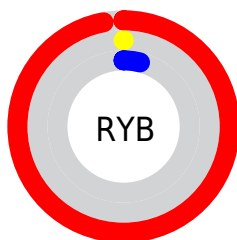
# Distribution



Red (97%)

Green (0%)

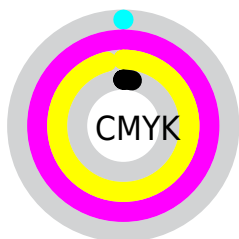
Blue (4%)



Red (97%)

Yellow (0%)

Blue (4%)

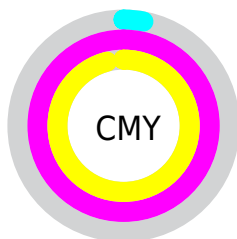


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (3%)



Cyan (3%)

Magenta (100%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F8000B 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 F8000B by changing the saturation by 10% instead.



 F8000B

 F8000B

FFFFFFD

 D60000

 FF5F40

 B50000

 FF7E59

 930000

 FF9D73

 730002

 FFBB8D

 540004

 FFD9A8

 340002

 FFF8C4

 000000

 FFFFEO

 F8000B

 F81923

 F8323A

 F84A52

 F8636A

 F87C82

 F89599

 F8AEB1

 F8C6C9

 F8DFE0

# Harmonies

## Analogous

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



FF0067



F8000B



C75E00

# Triad

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



F8000B



009936



0080FF

# Complementary

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



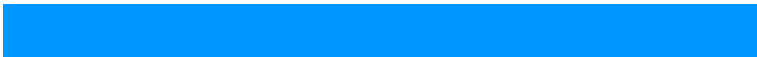
F8000B



00F8ED

# 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.



0096FF



F8000B



009D94

# Square

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



F8000B



009200



009DE7



9353FF

# Rectangle

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



F8000B



9A7800



009DE7



008AFF



# Sweetspot

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



F8000B



FFB3B6



EC00F8



805254



000000



808080



# Same Dimension

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



F8000B



FF000B



F87000



7D7071



BD0008



3D0003



# Inverse Universe

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



F8000B



FF000B



0088F8



7D7071



BD0008



3D0003



# Previews

## White Background



This preview shows how the Hex color F8000B 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



This preview shows how the Hex color F8000B looks on a 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 F8000B Background



This preview shows how black text looks on a background with the Hex color F8000B.



This preview shows how white text looks on a background with the Hex color F8000B.

# 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**  
F8000B





**Protanopia**  
8C7D23

**Deuteranopia**  
9E7700






**Tritanopia**  
F61700

# Trichromacy

	<b>Original Color</b> F8000B
	<b>Protanomaly</b> B3501A
	<b>Deuteranomaly</b> BF4C04
	<b>Tritanomaly</b> F70F04

# Monochromacy

	<b>Original Color</b> F8000B
	<b>Achromatopsia</b> 4B4B4B
	<b>Achromatomaly</b> 8A3034

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F8000B 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 #F8000B looks like.

```
.text, #text, p{  
    color:#F8000B  
}
```

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 #F8000B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F8000B
}
```

## Border

The CSS property to change the border of an element to Hex F8000B 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
#F8000B }
```

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

```
.border{ border-color:#F8000B }
```

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

Here you see how a box with a 4 pixel #F8000B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F8000B; -webkit-box-shadow:4px 4px  
4px 4px #F8000B; box-shadow:4px 4px 4px  
4px #F8000B }
```

# Background

The CSS property to change the background color of an element to Hex F8000B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F8000B }
```

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

```
.background{ background-color:#F8000B }
```

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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