

# Converting Colors

Hex(F4000B)

Have a look what the booklet for  
Hex(F4000B) contains.

<b>Hex(F4000B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(F4000B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4000B
RGB	244, 0, 11
RGB Percent	96%, 0%, 4%
CMY	0.0431, 1.0000, 0.9569
CMYK	0.00, 1.00, 0.95, 0.04
HSL	357°, 100%, 48%
HSV	357°, 100%, 96%
XYZ	37.3686, 19.2573, 2.0641
YIQ	74.2100, 141.8930, 55.1490

# Conversions

## Conversions Part 2

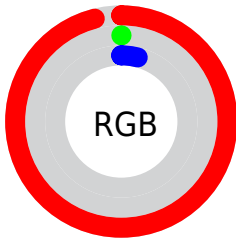
Format	Color
<b>R<sub>YB</sub></b>	244, 0, 11
Decimal	15990795
CIE <sub>Lab</sub>	50.99, 77.55, 62.17
CIE <sub>LCh</sub>	51, 99.395, 38.715
Yxy	19.2573, 0.6367, 0.3281
Android (android.graphics.Color)	4294180875 (0xFFFF4000B)
YUV	74.2100, -31.1625, 148.9058
Hunter-Lab	43.8831, 75.2062, 27.9294

# Details

The Hex color **F4000B** 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 **00F4E9**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **FF5E40**, and **B10000** is the 20% darker color. If you saturate the color by 10%, you get **F4000B**, and if you desaturate by 10%, it is **F41822**.

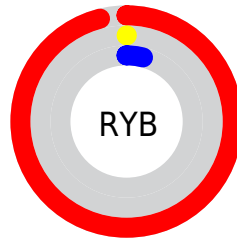
# Distribution



Red (96%)

Green (0%)

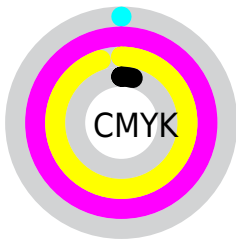
Blue (4%)



Red (96%)

Yellow (0%)

Blue (4%)

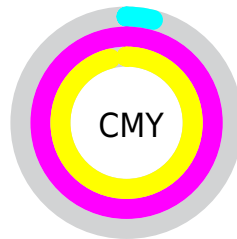


Cyan (0%)

Magenta (100%)

Yellow (95%)

Black (4%)



Cyan (4%)

Magenta (100%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F4000B 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 F4000B by changing the saturation by 10% instead.



 F4000B

 F4000B

FFFFFFD

 D20000

 FF5E40

 B10000

 FF7D59

 900000

 FF9C72

 6F0002

 FFBA8D

 510004

 FFD8A8

 310002

 FFF6C3

 000000

 FFFFEO

 F4000B

 F41822

 F4313A

 F44951

 F46268

 F47A80

 F49297

 F4ABAE

 F4C3C5

 F4DCDD

# Harmonies

## Analogous

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



FF0065



F4000B



C35D00

# Triad

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



F4000B



009735



007EFF

# Complementary

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



F4000B



00F4E9

# 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.



0093FF



F4000B



009A91

# Square

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



F4000B



008F00



009AE3



9052FF

# Rectangle

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



F4000B



977600



009AE3



0087FF



# Sweetspot

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



F4000B



FFB3B6



E800F4



805254



000000



808080



# Same Dimension

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



F4000B



FF000B



F46E00



7A6E6F



BA0008



3B0003



# Inverse Universe

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



F4000B



FF000B



0086F4



7A6E6F



BA0008



3B0003



# Previews

## White Background



This preview shows how the Hex color F4000B looks on a white background.

## Color Contrast Check

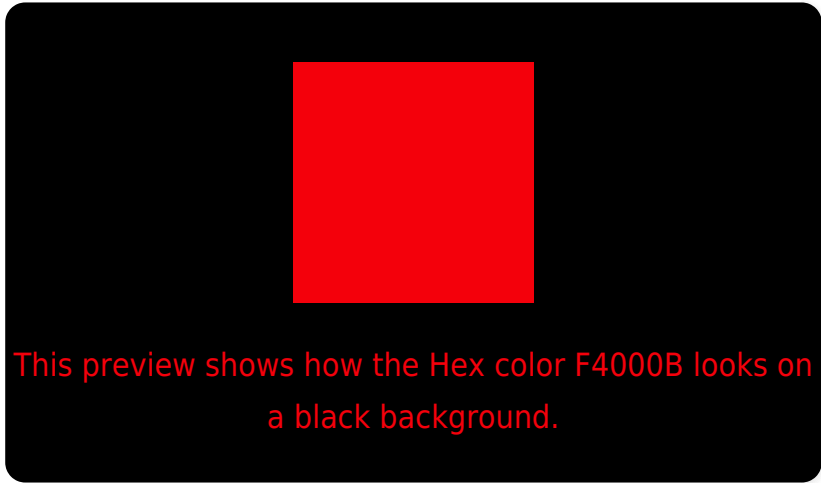
Large Text (above 18pt) WCAG AA ✓ Pass

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 F400B Background



This preview shows how black text looks on a background with the Hex color F400B.



This preview shows how white text looks on a background with the Hex color F400B.

# 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**  
F400B

**Protanopia**  
8A7B23

**Deuteranopia**  
9B7500



**Tritanopia**  
F21700

# Trichromacy



**Original Color**  
F4000B



**Protanomaly**  
B14E1A



**Deuteranomaly**  
BB4A04



**Tritanomaly**  
F30F04

# Monochromacy



**Original Color**  
F4000B



**Achromatopsia**  
4A4A4A



**Achromatomaly**  
882F33

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F4000B 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 #F4000B looks like.

```
.text, #text, p{  
    color:#F4000B  
}
```

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 #F4000B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4000B
}
```

## Border

The CSS property to change the border of an element to Hex F4000B is called "border". The border property can be set on classes, ids or directly on the HTML element.

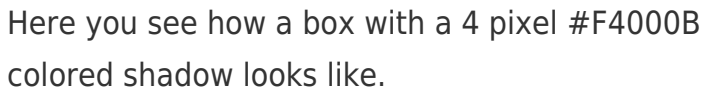
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F4000B }
```

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

```
.border{ border-color:#F4000B }
```

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



Here you see how a box with a 4 pixel #F4000B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4000B; -webkit-box-shadow:4px 4px  
4px 4px #F4000B; box-shadow:4px 4px 4px  
4px #F4000B }
```

# Background

The CSS property to change the background color of an element to Hex F4000B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4000B }
```

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

```
.background{ background-color:#F4000B }
```

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