

# Converting Colors

Hex(F2000B)

Have a look what the booklet for  
Hex(F2000B) contains.

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**Color**

**Hex(F2000B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2000B
RGB	242, 0, 11
RGB Percent	95%, 0%, 4%
CMY	0.0510, 1.0000, 0.9569
CMYK	0.00, 1.00, 0.95, 0.05
HSL	357°, 100%, 47%
HSV	357°, 100%, 95%
XYZ	36.6784, 18.9014, 2.0318
YIQ	73.6120, 140.7010, 54.7250

# Conversions

## Conversions Part 2

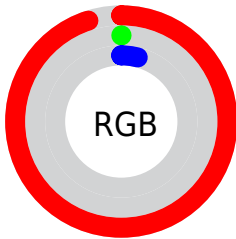
<b>Format</b>	<b>Color</b>
<b>RYB</b>	242, 0, 11
Decimal	15859723
CIELab	50.57, 77.07, 61.73
CIElCh	51, 98.748, 38.692
Yxy	18.9014, 0.6366, 0.3281
Android (android.graphics.Color)	4294049803 (0xFFFF2000B)
YUV	73.6120, -30.8677, 147.6763
Hunter-Lab	43.4757, 74.5091, 27.6622

# Details

The Hex color **F2000B** 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 **00F2E7**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **FF5E3F**, and **AF0000** is the 20% darker color. If you saturate the color by 10%, you get **F2000B**, and if you desaturate by 10%, it is **F21822**.

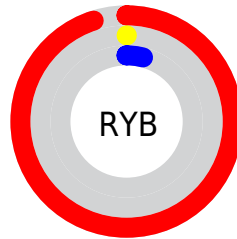
# Distribution



Red (95%)

Green (0%)

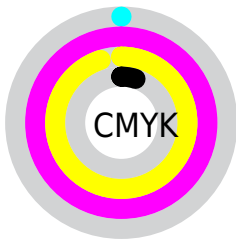
Blue (4%)



Red (95%)

Yellow (0%)

Blue (4%)

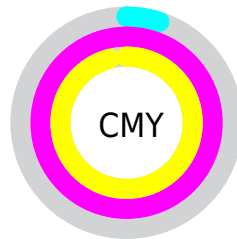


Cyan (0%)

Magenta (100%)

Yellow (95%)

Black (5%)



Cyan (5%)

Magenta (100%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F2000B 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 F2000B by changing the saturation by 10% instead.



 F2000B

 F2000B

FFFFFFC

 D00000

 FF5E3F

 AF0000

 FF7D58

 8E0000

 FF9B72

 6E0002

 FFB98C

 500004

 FFD7A7

 2F0002

 FFF5C3

 000000

 FFFFDF

 F2000B

 F21822

 F23039

 F24950

 F26167

 F2797F

 F29196

 F2A9AD

 F2C2C4

 F2DADB

# Harmonies

## Analogous

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



FF0064



F2000B



C25C00

# Triad

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



F2000B



009535



007DFF

# Complementary

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



F2000B



00F2E7

# 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.



0092FF



F2000B



009990

# Square

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



F2000B



008E00



0099E1



8F51FE

# Rectangle

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



F2000B



967500



0099E1



0086FF



# Sweetspot

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



F2000B



FFB3B6



E600F2



805254



000000



808080



# Same Dimension

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



F2000B



FF000C



F26D00



786C6C



B80008



380003



# Inverse Universe

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



F2000B



FF000C



0085F2



786C6C



B80008



380003



# Previews

## White Background



This preview shows how the Hex color F2000B looks on a white background.

## Color Contrast Check

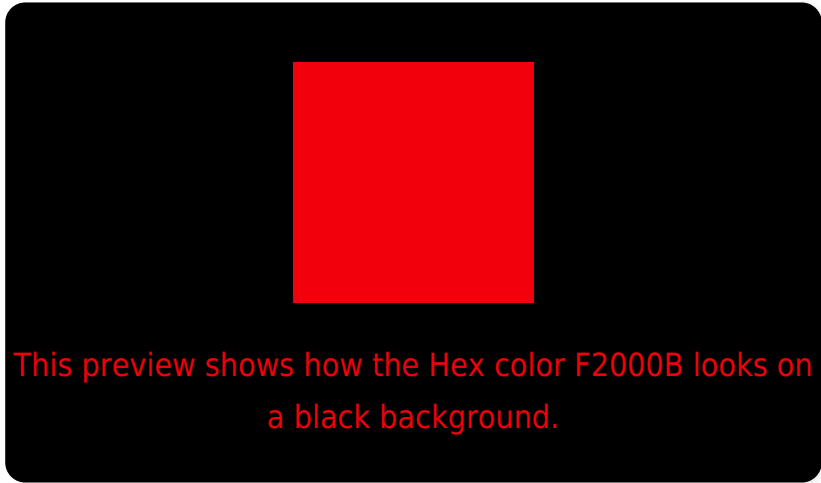
Large Text (above 18pt) WCAG AA ✓ Pass

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 F2000B Background



This preview shows how black text looks on a background with the Hex color F2000B.



This preview shows how white text looks on a background with the Hex color F2000B.

# 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**  
F2000B

**Protanopia**  
897A22

**Deuteranopia**  
9A7400



**Tritanopia**  
F01600

# Trichromacy



**Original Color**  
F2000B



**Protanomaly**  
AF4E1A



**Deuteranomaly**  
BA4A04



**Tritanomaly**  
F10E04

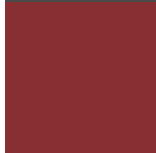
# Monochromacy



**Original Color**  
F2000B



**Achromatopsia**  
4A4A4A



**Achromatomaly**  
872F33

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F2000B 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 #F2000B looks like.

```
.text, #text, p{  
  color:#F2000B  
}
```

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 #F2000B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2000B
}
```

## Border

The CSS property to change the border of an element to Hex F2000B is called "border". The border property can be set on classes, ids or directly on the HTML element.

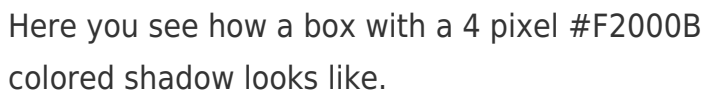
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F2000B }
```

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

```
.border{ border-color:#F2000B }
```

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



Here you see how a box with a 4 pixel #F2000B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2000B; -webkit-box-shadow:4px 4px  
4px 4px #F2000B; box-shadow:4px 4px 4px  
4px #F2000B }
```

# Background

The CSS property to change the background color of an element to Hex F2000B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2000B }
```

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

```
.background{ background-color:#F2000B }
```

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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