

Converting Colors

Hex(FB0012)

Have a look what the booklet for
Hex(FB0012) contains.

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Color

Hex(FB0012)

Conversions

Conversions Part 1

Format	Color
Hex	FB0012
RGB	251, 0, 18
RGB Percent	98%, 0%, 7%
CMY	0.0157, 1.0000, 0.9294
CMYK	0.00, 1.00, 0.93, 0.02
HSL	356°, 100%, 49%
HSV	356°, 100%, 98%
XYZ	39.8928, 20.5529, 2.4368
YIQ	77.1010, 143.8180, 58.8100

Conversions

Conversions Part 2

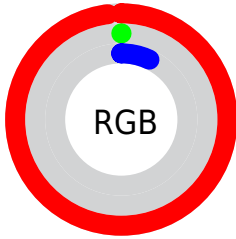
Format	Color
RYB	251, 0, 18
Decimal	16449554
CIELab	52.46, 79.29, 61.67
CIELCh	52, 100.446, 37.875
Yxy	20.5529, 0.6344, 0.3268
Android (android.graphics.Color)	4294639634 (0xFFFB0012)
YUV	77.1010, -29.1368, 152.5094
Hunter-Lab	45.3353, 77.7344, 28.5479

Details

The Hex color **FB0012** 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 **00FBE9**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FF6045**, and **B80000** is the 20% darker color. If you saturate the color by 10%, you get **FB0012**, and if you desaturate by 10%, it is **FB1929**.

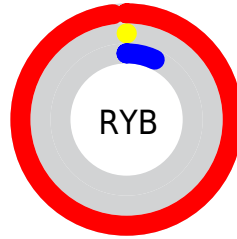
Distribution



Red (98%)

Green (0%)

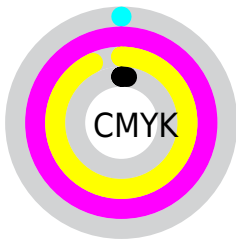
Blue (7%)



Red (98%)

Yellow (0%)

Blue (7%)

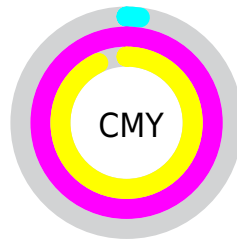


Cyan (0%)

Magenta (100%)

Yellow (93%)

Black (2%)



Cyan (2%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB0012 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 FB0012 by changing the saturation by 10% instead.

 FB0012

 FB0012

FFFFFF

 D90000

 FF6045

 B80000

 FF7F5E

 960000

 FF9E77

 760002

 FFBC92

 570004

 FFDAAD

 370002

 FFF9C9

 0A0000

 FFFF E5

 000000

 FB0012

 FB1929

 FB3241

 FB4B58

 FB646F

 FB7E86

 FB979E

 FBB0B5

 FBC9CC

 FBE2E4

Harmonies

Analogous

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



FF006B



FB0012



CA5F00

Triad

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



FB0012



009B35



0083FF

Complementary

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



FB0012



00FBE9

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.



0098FF



FB0012



009E93

Square

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



FB0012



009300



009EE7



9157FF

Rectangle

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



FB0012



9E7800



009EE7



008CFF

Sweetspot

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



FB0012



FFB3B8



E600FB



805255



000000



808080

Same Dimension

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



FB0012



FF0012



FB6900



7D7071



BD000E



3D0004

Inverse Universe

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



FB0012



FF0012



0092FB



7D7071



BD000E



3D0004

Previews

White Background



This preview shows how the Hex color FB0012 looks on a white background.

Color Contrast Check

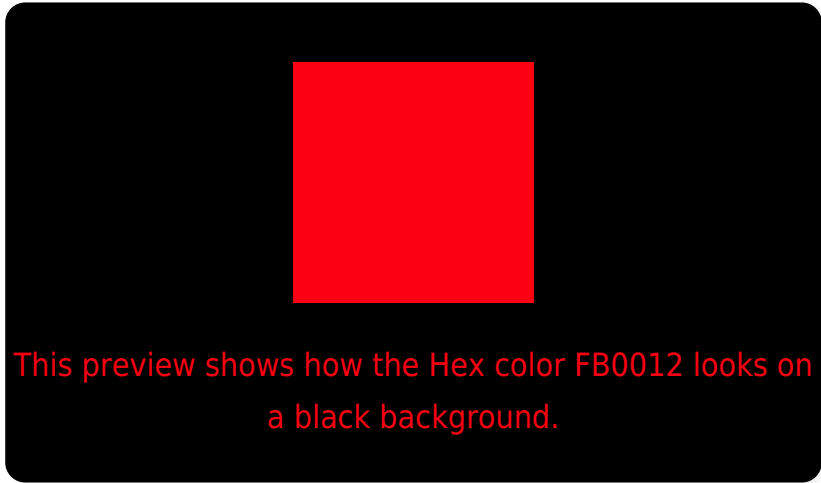
Large Text (above 18pt) WCAG AA ✓ Pass

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 FB0012 Background



This preview shows how black text looks on a background with the Hex color FB0012.



This preview shows how white text looks on a background with the Hex color FB0012.

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
FB0012

Protanopia
8E7F28

Deuteranopia
A07800



Tritanopia
F91700

Trichromacy



Original Color
FB0012



Protanomaly
B65120



Deuteranomaly
C14C07



Tritanomaly
FA0F07

Monochromacy



Original Color
FB0012



Achromatopsia
4D4D4D



Achromatomaly
8C3138

CSS Examples

Text

The CSS property to change the color of the text to Hex FB0012 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 #FB0012 looks like.

```
.text, #text, p{  
    color:#FB0012  
}
```

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 #FB0012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB0012
}
```

Border

The CSS property to change the border of an element to Hex FB0012 is called "border". The border property can be set on classes, ids or directly on the HTML element.

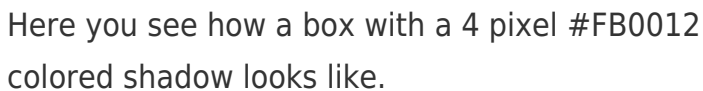
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FB0012 }
```

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

```
.border{ border-color:#FB0012 }
```

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



Here you see how a box with a 4 pixel `#FB0012` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB0012; -webkit-box-shadow:4px 4px  
4px 4px #FB0012; box-shadow:4px 4px 4px  
4px #FB0012 }
```

Background

The CSS property to change the background color of an element to Hex FB0012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB0012 }
```

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

```
.background{ background-color:#FB0012 }
```

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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