

Converting Colors

Hex(F0701B)

Have a look what the booklet for
Hex(F0701B) contains.

Hex(F0701B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F0701B)

Conversions

Conversions Part 1

Format	Color
Hex	F0701B
RGB	240, 112, 27
RGB Percent	94%, 44%, 11%
CMY	0.0588, 0.5608, 0.8941
CMYK	0.00, 0.53, 0.89, 0.06
HSL	24°, 88%, 52%
HSV	24°, 89%, 94%
XYZ	41.9272, 30.1927, 4.6549
YIQ	140.5820, 103.5730, 0.7010

Conversions

Conversions Part 2

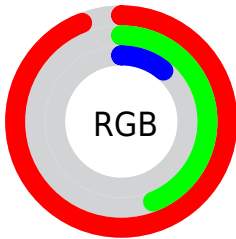
Format	Color
R_{YB}	240, 168, 27
Decimal	15757339
CIE _{Lab}	61.82, 45.19, 64.24
CIE _{LCh}	62, 78.540, 54.878
Yxy	30.1927, 0.5461, 0.3933
Android (android.graphics.Color)	4293947419 (0xFFFF0701B)
YUV	140.5820, -55.9959, 87.1896
Hunter-Lab	54.9479, 40.0429, 33.4408

Details

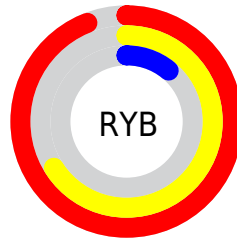
The Hex color **F0701B** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **1B9BF0**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFA652**, and **B03C00** is the 20% darker color. If you saturate the color by 10%, you get **F06203**, and if you desaturate by 10%, it is **F07E33**.

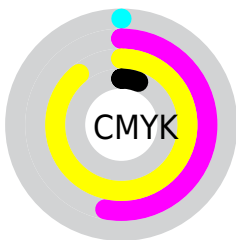
Distribution



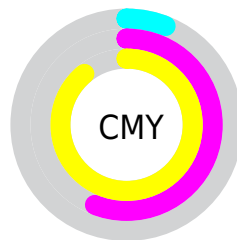
- Red (94%)
- Green (44%)
- Blue (11%)



- Red (94%)
- Yellow (66%)
- Blue (11%)



- Cyan (0%)
- Magenta (53%)
- Yellow (89%)
- Black (6%)



- Cyan (6%)
- Magenta (56%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0701B 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 F0701B by changing the saturation by 10% instead.

 F0701B

 F0701B

FFFFFF

 D05600

 FFA652

 B03C00

 FFC26C

 912000

 FFDF87

 720000

 FFFCA3

 540000

 FFFFBF

 3A0001

 FFFFDB

 160000

 FFFFF8

 000000

 F0701B

 F0701B

 F06203

 F07E33

 F06000

 F08D4B

 F09B63

 F0AA7B

 F0B893

 F0C7AB

 F0D5C3

 F0E3DB

 F0F2F3

Harmonies

Analogous

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



FF4E5F



F0701B



BE8E00

Triad

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



F0701B



00B387



7688FF

Complementary

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



F0701B



1B9BF0

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.



00A2FF



F0701B



00B4CE

Square

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



F0701B



00AE3E



00AFFF



DC64E7

Rectangle

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



F0701B



949D00



00AFFF



2092FF

Sweetspot

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



F0701B



FFD6BA



F01B9E



806757



000000



808080

Same Dimension

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



F0701B



FF6600



F0D71B



78716C



B84900



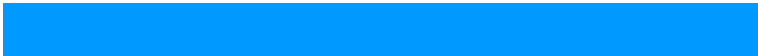
381600

Inverse Universe

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



1B9BF0



0099FF



1B34F0



6C7378



006EB8



002238

Previews

White Background



This preview shows how the Hex color F0701B looks on a white background.

Color Contrast Check

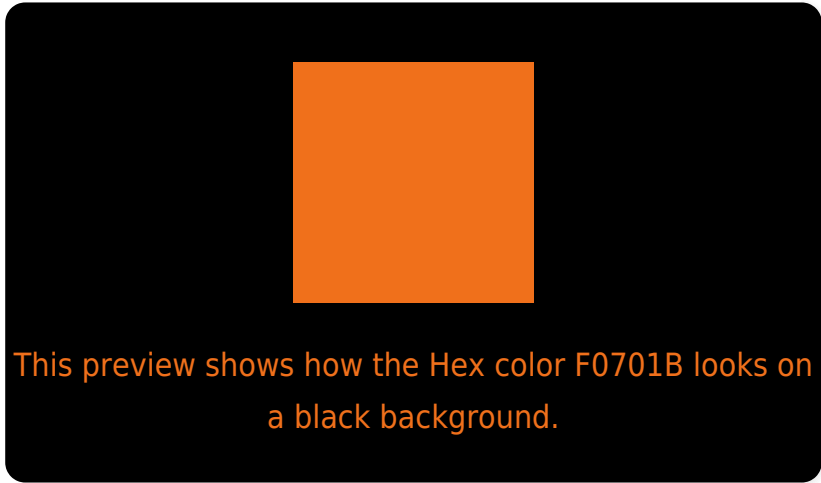
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex F0701B Background



This preview shows how black text looks on a background with the Hex color F0701B.

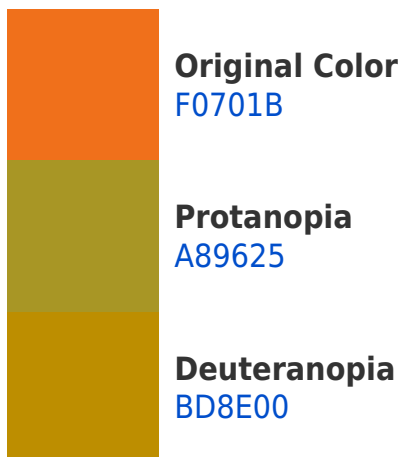


This preview shows how white text looks on a background with the Hex color F0701B.

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](#).

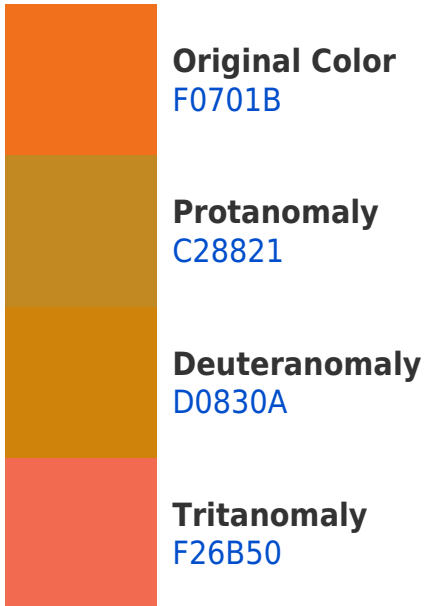
Dichromacy



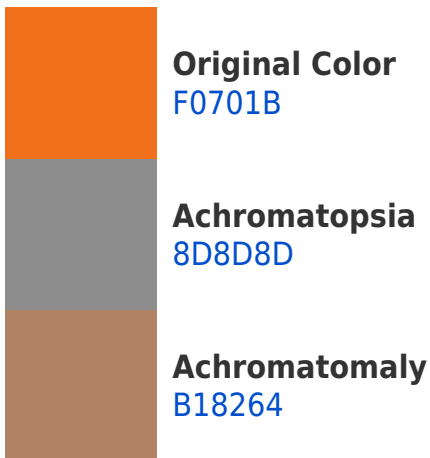


Tritanopia
F3686F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F0701B 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 #F0701B looks like.

```
.text, #text, p{  
    color:#F0701B  
}
```

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 #F0701B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0701B
}
```

Border

The CSS property to change the border of an element to Hex F0701B 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
#F0701B }
```

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

```
.border{ border-color:#F0701B }
```

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

Here you see how a box with a 4 pixel #F0701B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0701B; -webkit-box-shadow:4px 4px  
4px 4px #F0701B; box-shadow:4px 4px 4px  
4px #F0701B }
```

Background

The CSS property to change the background color of an element to Hex F0701B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0701B }
```

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

```
.background{ background-color:#F0701B }
```

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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