

Converting Colors

Hex(F0871B)

Have a look what the booklet for
Hex(F0871B) contains.

Hex(F0871B)	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(F0871B)

Conversions

Conversions Part 1

Format	Color
Hex	F0871B
RGB	240, 135, 27
RGB Percent	94%, 53%, 11%
CMY	0.0588, 0.4706, 0.8941
CMYK	0.00, 0.44, 0.89, 0.06
HSL	30°, 88%, 52%
HSV	30°, 89%, 94%
XYZ	44.7970, 35.9323, 5.6115
YIQ	154.0830, 97.2480, -11.3280

Conversions

Conversions Part 2

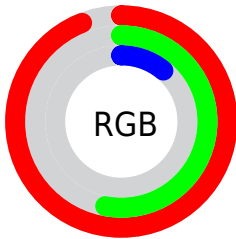
Format	Color
RYB	234, 240, 27
Decimal	15763227
CIELab	66.47, 33.64, 67.76
CIELCh	66, 75.652, 63.594
Yxy	35.9323, 0.5188, 0.4162
Android (android.graphics.Color)	4293953307 (0xFFFF0871B)
YUV	154.0830, -62.6519, 75.3492
Hunter-Lab	59.9436, 28.4951, 36.4102

Details

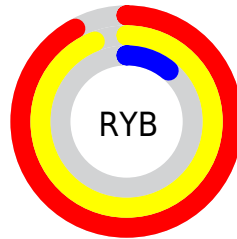
The Hex color **F0871B** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **1B84F0**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFBD55**, and **B15400** is the 20% darker color. If you saturate the color by 10%, you get **F07B03**, and if you desaturate by 10%, it is **F09333**.

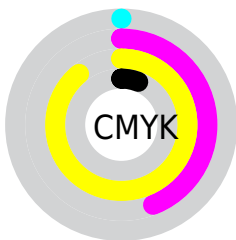
Distribution



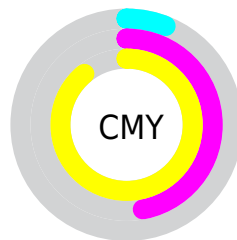
- Red (94%)
- Green (53%)
- Blue (11%)



- Red (92%)
- Yellow (94%)
- Blue (11%)



- Cyan (0%)
- Magenta (44%)
- Yellow (89%)
- Black (6%)



- Cyan (6%)
- Magenta (47%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0871B 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 F0871B by changing the saturation by 10% instead.

 F0871B

 F0871B

FFFFFF

 D06D00

 FFBD55

 B15400

 FFD970

 933B00

 FFF68B

 742300

 FFFFA7

 570900

 FFFFC3

 3B0000

 FFFFEO

 200001

 FFFFFD

 000000

 F0871B

 F0871B

 F07B03

 F09333

 F07A00

 F09F4B

 F0AA63

 F0B67B

 F0C293

 F0CEAB

 F0DAC3

 F0E6DB

 F0F1F3

Harmonies

Analogous

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



FF685A



F0871B



BAA100

Triad

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



F0871B



00C1A8



AB8CFF

Complementary

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



F0871B



1B84F0

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.



00A7FF



F0871B



00C0EB

Square

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



F0871B



00BC61



00B8FF



F96BDF

Rectangle

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



F0871B



8EAE00



00B8FF



8196FF

Sweetspot

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



F0871B



FFDDBA



F01B85



806B57



000000



808080

Same Dimension

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



F0871B



FF8100



F0F01B



78726C



B85D00



381C00

Inverse Universe

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



1B84F0



007EFF



1B1BF0



6C7278



005BB8



001C38

Previews

White Background



This preview shows how the Hex color F0871B looks on a white background.

Color Contrast Check

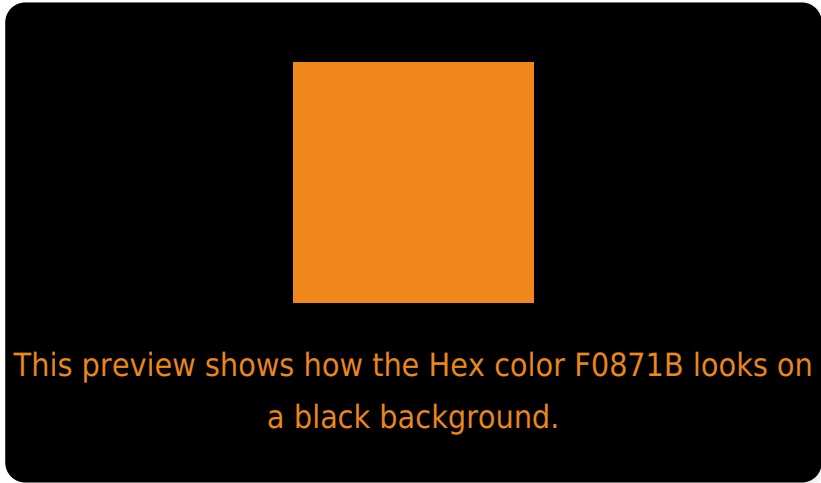
Large Text (above 18pt) WCAG AA × Fail

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 F0871B Background



This preview shows how black text looks on a background with the Hex color F0871B.



This preview shows how white text looks on a background with the Hex color F0871B.

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
F0871B

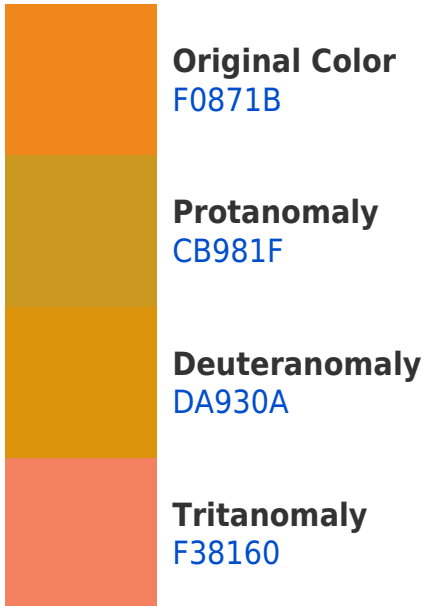
Protanopia
B6A222

Deuteranopia
CD9A01

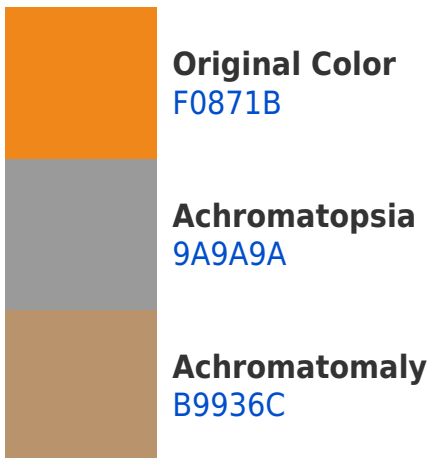


Tritanopia
F57E87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F0871B 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 #F0871B looks like.

```
.text, #text, p{  
    color:#F0871B  
}
```

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 #F0871B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0871B
}
```

Border

The CSS property to change the border of an element to Hex F0871B 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
#F0871B }
```

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

```
.border{ border-color:#F0871B }
```

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

Here you see how a box with a 4 pixel #F0871B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0871B; -webkit-box-shadow:4px 4px  
4px 4px #F0871B; box-shadow:4px 4px 4px  
4px #F0871B }
```

Background

The CSS property to change the background color of an element to Hex F0871B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0871B }
```

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

```
.background{ background-color:#F0871B }
```

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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