

Converting Colors

Hex(F80C00)

Have a look what the booklet for
Hex(F80C00) contains.

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Color

Hex(F80C00)

Conversions

Conversions Part 1

Format	Color
Hex	F80C00
RGB	248, 12, 0
RGB Percent	97%, 5%, 0%
CMY	0.0275, 0.9529, 1.0000
CMYK	0.00, 0.95, 1.00, 0.03
HSL	3°, 100%, 49%
HSV	3°, 100%, 97%
XYZ	38.8429, 20.2194, 1.8555
YIQ	81.1960, 144.5080, 46.3000

Conversions

Conversions Part 2

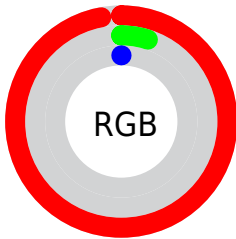
Format	Color
R_{YB}	248, 13, 0
Decimal	16256000
CIE Lab	52.08, 77.58, 65.92
CIE LCh	52, 101.803, 40.355
Yxy	20.2194, 0.6376, 0.3319
Android (android.graphics.Color)	4294446080 (0xFFFF80C00)
YUV	81.1960, -40.0296, 146.2871
Hunter-Lab	44.9660, 75.5028, 29.0296

Details

The Hex color **F80C00** 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 **00ECF8**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF613A**, and **B50000** is the 20% darker color. If you saturate the color by 10%, you get **F80C00**, and if you desaturate by 10%, it is **F82419**.

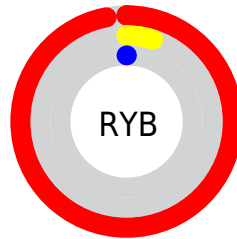
Distribution



Red (97%)

Green (5%)

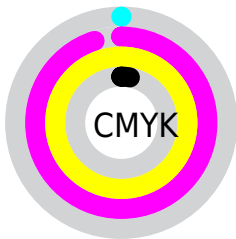
Blue (0%)



Red (97%)

Yellow (5%)

Blue (0%)

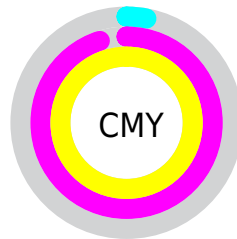


Cyan (0%)

Magenta (95%)

Yellow (100%)

Black (3%)



Cyan (3%)

Magenta (95%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F80C00 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 F80C00 by changing the saturation by 10% instead.

 F80C00

 F80C00

 FFFFF8

 D60000

 FF613A

 B50000

 FF8054

 930000

 FF9F6D

 730001


 FFBD88

 540004

 FFDBA3

 350002

 FFF9BF

 010000

 FFFFDB

 000000

 F80C00

 F82419

 F83B32

 F8534A

 F86A63

 F8827C

 F89A95

 F8B1AE

 F8C9C6

 F8E0DF

Harmonies

Analogous

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



FF0063



F80C00



C56100

Triad

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



F80C00



009B3C



0080FF

Complementary

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



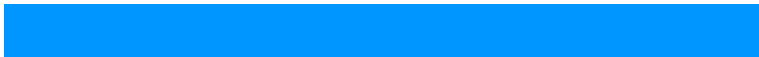
F80C00



00ECF8

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.



0096FF



F80C00



009E9A

Square

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



F80C00



009300



009EED



9B4FFF

Rectangle

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



F80C00



977A00



009EED



0089FF

Sweetspot

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



F80C00



FFB6B3



F800F0



805452



000000



808080

Same Dimension

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



F80C00



FF0C00



F88400



7D7170



BD0900



3D0300

Inverse Universe

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



00ECF8



00F3FF



0074F8



707C7D



00B4BD



003A3D

Previews

White Background



This preview shows how the Hex color F80C00 looks on a white background.

Color Contrast Check

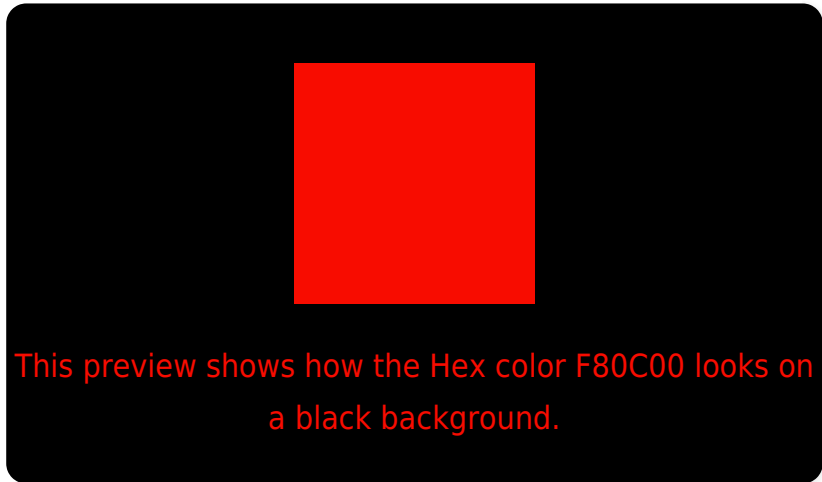
Large Text (above 18pt) WCAG AA ✓ Pass

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 F80C00 Background



This preview shows how black text looks on a background with the Hex color F80C00.



This preview shows how white text looks on a background with the Hex color F80C00.

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
F80C00

Protanopia
8D7E20

Tritanopia
F71700

Trichromacy



Original Color
F80C00

Protanomaly
B45514

Tritanomaly
F71300

Monochromacy



Original Color
F80C00

Achromatopsia
515151

Achromatomaly
8E3834

CSS Examples

Text

The CSS property to change the color of the text to Hex F80C00 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 #F80C00 looks like.

```
.text, #text, p{  
    color:#F80C00  
}
```

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 #F80C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F80C00
}
```

Border

The CSS property to change the border of an element to Hex F80C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

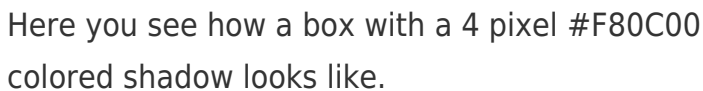
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F80C00 }
```

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

```
.border{ border-color:#F80C00 }
```

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



Here you see how a box with a 4 pixel #F80C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F80C00; -webkit-box-shadow:4px 4px  
4px 4px #F80C00; box-shadow:4px 4px 4px  
4px #F80C00 }
```

Background

The CSS property to change the background color of an element to Hex F80C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F80C00 }
```

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

```
.background{ background-color:#F80C00 }
```

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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