

Converting Colors

Hex(F5820F)

Have a look what the booklet for
Hex(F5820F) contains.

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Color

Hex(F5820F)

Conversions

Conversions Part 1

Format	Color
Hex	F5820F
RGB	245, 130, 15
RGB Percent	96%, 51%, 6%
CMY	0.0392, 0.4902, 0.9412
CMYK	0.00, 0.47, 0.94, 0.04
HSL	30°, 92%, 51%
HSV	30°, 94%, 96%
XYZ	45.7250, 35.4122, 4.8772
YIQ	151.2750, 105.4550, -11.3850

Conversions

Conversions Part 2

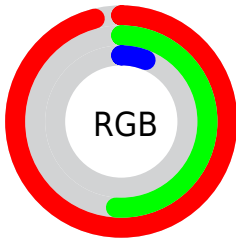
Format	Color
RYB	245, 245, 15
Decimal	16089615
CIELab	66.07, 38.04, 70.47
CIElCh	66, 80.079, 61.641
Yxy	35.4122, 0.5316, 0.4117
Android (android.graphics.Color)	4294279695 (0xFFFF5820F)
YUV	151.2750, -67.1836, 82.1968
Hunter-Lab	59.5082, 33.0170, 36.7964

Details

The Hex color **F5820F** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark saturated orange. A complement of this color would be **0F82F5**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFB84E**, and **B54F00** is the 20% darker color. If you saturate the color by 10%, you get **F57B00**, and if you desaturate by 10%, it is **F58E28**.

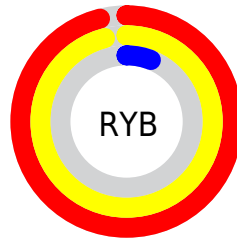
Distribution



Red (96%)

Green (51%)

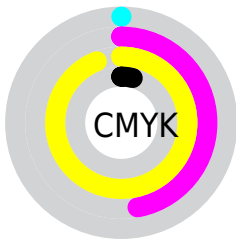
Blue (6%)



Red (96%)

Yellow (96%)

Blue (6%)

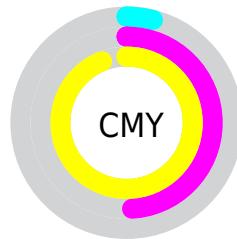


Cyan (0%)

Magenta (47%)

Yellow (94%)

Black (4%)



Cyan (4%)

Magenta (49%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color F5820F 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 F5820F by changing the saturation by 10% instead.

 F5820F

 F5820F

FFFFFF

 D56800

 FFB84E

 B54F00

 FFD469

 963600

 FFF185

 781C00

 FFFFA0

 5A0000

 FFFFBD

 3E0000

 FFFFD9

 230001

 FFFFF6

 000000

 F5820F

 F5820F

 F57B00

 F58E28

 F59B40

 F5A759

 F5B371

 F5BF8A

 F5CBA2

 F5D8BB

 F5E4D3

 F5F0EC

Harmonies

Analogous

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



FF605A



F5820F



BD9F00

Triad

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



F5820F



00C0A3



A18BFF

Complementary

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



F5820F



0F82F5

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.



00A8FF



F5820F



00C0EA

Square

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



F5820F



00BC58



00B9FF



F967E6

Rectangle

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



F5820F



8FAC00



00B9FF



6F96FF

Sweetspot

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



F5820F



FFDBB8



F50F82



806A54



000000



808080

Same Dimension

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



F5820F



FF8000



F5F50F



7A746E



BA5D00



3B1D00

Inverse Universe

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



0F82F5



0080FF



0F0FF5



6E747A



005DBA



001D3B

Previews

White Background



This preview shows how the Hex color F5820F looks on a white background.

Color Contrast Check

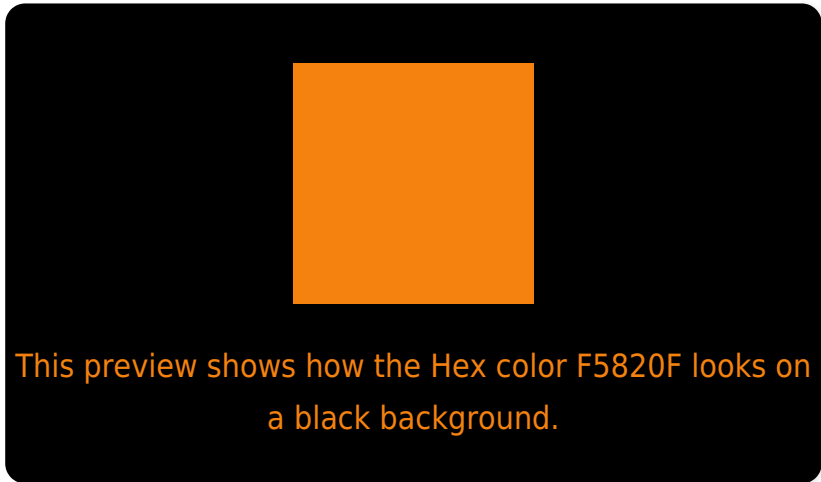
Large Text (above 18pt) WCAG AA × Fail

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 F5820F Background



This preview shows how black text looks on a background with the Hex color F5820F.



This preview shows how white text looks on a background with the Hex color F5820F.

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
F5820F

Protanopia
B5A11A

Deuteranopia
CB9900



Tritanopia
F97981

Trichromacy



Original Color
F5820F

Protanomaly
CC9616

Deuteranomaly
DA9105

Tritanomaly
F87C58

Monochromacy



Original Color
F5820F

Achromatopsia
979797

Achromatomaly
B98F66

CSS Examples

Text

The CSS property to change the color of the text to Hex F5820F 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 #F5820F looks like.

```
.text, #text, p{  
    color:#F5820F  
}
```

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 #F5820F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5820F
}
```

Border

The CSS property to change the border of an element to Hex F5820F 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
#F5820F }
```

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

```
.border{ border-color:#F5820F }
```

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

Here you see how a box with a 4 pixel #F5820F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5820F; -webkit-box-shadow:4px 4px  
4px 4px #F5820F; box-shadow:4px 4px 4px  
4px #F5820F }
```

Background

The CSS property to change the background color of an element to Hex F5820F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5820F }
```

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

```
.background{ background-color:#F5820F }
```

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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