

Converting Colors

Hex(F5A70C)

Have a look what the booklet for
Hex(F5A70C) contains.

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Color

Hex(F5A70C)

Conversions

Conversions Part 1

Format	Color
Hex	F5A70C
RGB	245, 167, 12
RGB Percent	96%, 65%, 5%
CMY	0.0392, 0.3451, 0.9529
CMYK	0.00, 0.32, 0.95, 0.04
HSL	40°, 92%, 50%
HSV	40°, 95%, 96%
XYZ	51.5413, 47.0765, 6.7180
YIQ	172.6520, 96.2430, -31.6690

Conversions

Conversions Part 2

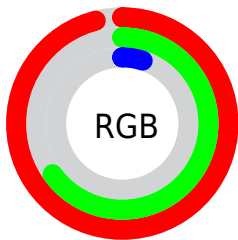
Format	Color
RYB	129, 245, 12
Decimal	16099084
CIELab	74.24, 18.77, 76.55
CIELCh	74, 78.823, 76.222
Yxy	47.0765, 0.4893, 0.4469
Android (android.graphics.Color)	4294289164 (0xFFFF5A70C)
YUV	172.6520, -79.2014, 63.4492
Hunter-Lab	68.6123, 14.0170, 42.2234

Details

The Hex color **F5A70C** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **0C5AF5**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFDE53**, and **B77300** is the 20% darker color. If you saturate the color by 10%, you get **F5A300**, and if you desaturate by 10%, it is **F5AF24**.

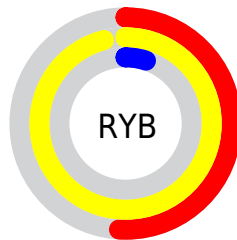
Distribution



Red (96%)

Green (65%)

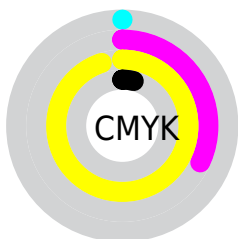
Blue (5%)



Red (51%)

Yellow (96%)

Blue (5%)

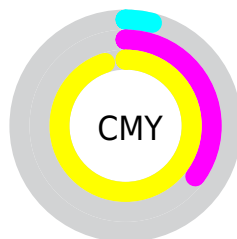


Cyan (0%)

Magenta (32%)

Yellow (95%)

Black (4%)



Cyan (4%)

Magenta (35%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color F5A70C 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 F5A70C by changing the saturation by 10% instead.

 F5A70C

 F5A70C

FFFFFF

 D68D00

 FFDE53

 B77300

 FFFB6F

 995B00

 FFFF8C

 7A4300

 FFFFA8

 5E2D00

 FFFFC5

 421700

 FFFFE2

 290000

 000000

 F5A70C

 F5A70C

 F5A300

 F5AF24

 F5B73D

 F5C056

 F5C86E

 F5D086

 F5D89F

 F5E0B7

 F5E9D0

 F5F1E9

Harmonies

Analogous

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



FF884F



F5A70C



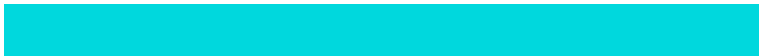
B4BF00

Triad

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



F5A70C



00D8DD



EB91FF

Complementary

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



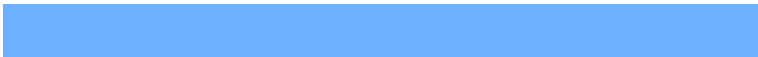
F5A70C



0C5AF5

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.



6BB1FF



F5A70C



00D4FF

Square

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



F5A70C



00D691



00C8FF



FF72DB

Rectangle

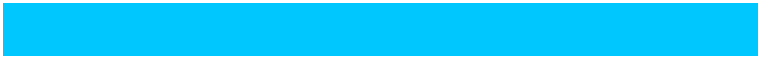
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F5A70C



7FCA33



00C8FF



CB9CFF

Sweetspot

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



F5A70C



FFE6B5



F50C5E



807153



000000



808080

Same Dimension

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



F5A70C



FFAA00



D2F50C



7A766E



BA7C00



3B2700

Inverse Universe

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



0C5AF5



0055FF



2F0CF5



6E727A



003EBA



00143B

Previews

White Background



This preview shows how the Hex color F5A70C looks on a white background.

Color Contrast Check

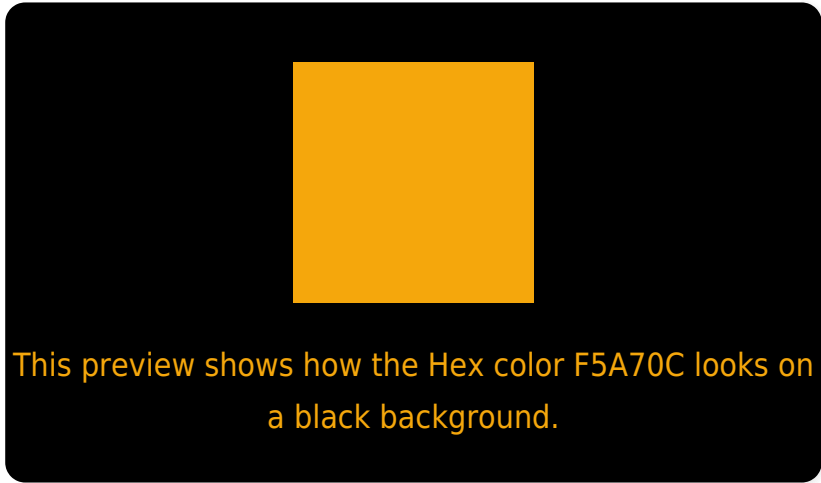
Large Text (above 18pt) WCAG AA × Fail

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 F5A70C Background



This preview shows how black text looks on a background with the Hex color F5A70C.



This preview shows how white text looks on a background with the Hex color F5A70C.

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
F5A70C

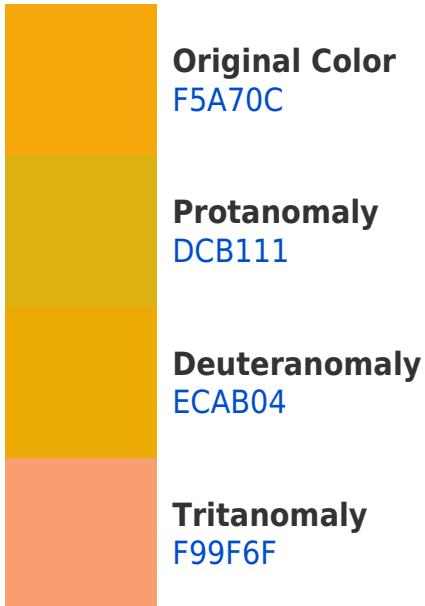
Protanopia
CEB714

Deuteranopia
E7AD00

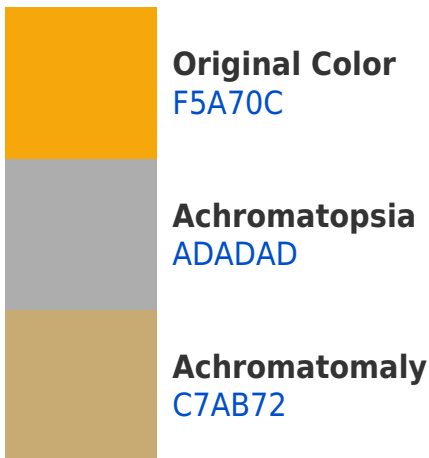


Tritanopia
FC9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F5A70C 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 #F5A70C looks like.

```
.text, #text, p{  
    color:#F5A70C  
}
```

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 #F5A70C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5A70C
}
```

Border

The CSS property to change the border of an element to Hex F5A70C 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
#F5A70C }
```

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

```
.border{ border-color:#F5A70C }
```

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

Here you see how a box with a 4 pixel #F5A70C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5A70C; -webkit-box-shadow:4px 4px  
4px 4px #F5A70C; box-shadow:4px 4px 4px  
4px #F5A70C }
```

Background

The CSS property to change the background color of an element to Hex F5A70C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5A70C }
```

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

```
.background{ background-color:#F5A70C }
```

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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