

# Converting Colors

Hex(F0AF07)

Have a look what the booklet for  
Hex(F0AF07) contains.

<b>Hex(F0AF07)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(F0AF07)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0AF07
RGB	240, 175, 7
RGB Percent	94%, 69%, 3%
CMY	0.0588, 0.3137, 0.9725
CMYK	0.00, 0.27, 0.97, 0.06
HSL	43°, 94%, 48%
HSV	43°, 97%, 94%
XYZ	51.3035, 49.2005, 6.9937
YIQ	175.2830, 92.6680, -38.4680

# Conversions

## Conversions Part 2

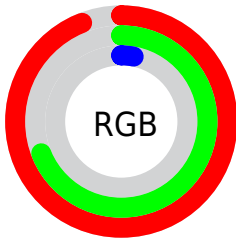
Format	Color
R <sub>Y</sub> B	97, 240, 7
Decimal	15773447
CIE <sub>Lab</sub>	75.58, 12.38, 77.79
CIE <sub>LCh</sub>	76, 78.772, 80.957
Y <sub>xy</sub>	49.2005, 0.4773, 0.4577
Android (android.graphics.Color)	4293963527 (0xFFFF0AF07)
Y <sub>UV</sub>	175.2830, -82.9635, 56.7568
Hunter-Lab	70.1431, 7.8066, 43.1886

# Details

The Hex color **F0AF07** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle saturated orange. A complement of this color would be **0748F0**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFE653**, and **B27B00** is the 20% darker color. If you saturate the color by 10%, you get **F0AD00**, and if you desaturate by 10%, it is **F0B61F**.

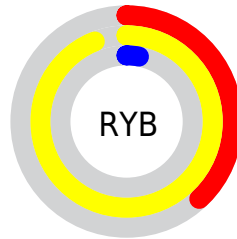
# Distribution



Red (94%)

Green (69%)

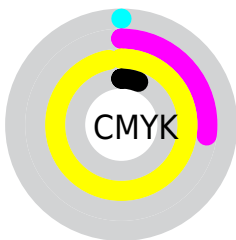
Blue (3%)



Red (38%)

Yellow (94%)

Blue (3%)

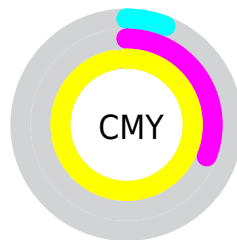


Cyan (0%)

Magenta (27%)

Yellow (97%)

Black (6%)



Cyan (6%)

Magenta (31%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0AF07 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 F0AF07 by changing the saturation by 10% instead.



 F0AF07

 F0AF07

FFFFFF

 D19500

 FFE653

 B27B00

 FFFF6F

 946200

 FFFF8C

 774B00

 FFFFA8

 5A3400

 FFFFC5

 3F1F00

 FFFF E2

 260A00

 000000

 F0AF07

 F0AF07

 F0AD00

 F0B61F

 F0BC37

 F0C34F

 F0CA67

 F0D07F

 F0D797

 F0DEAF

 F0E5C7

 F0EBDF

# Harmonies

## Analogous

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



FF9149



F0AF07



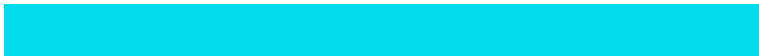
ADC614

# Triad

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



F0AF07



00DCEC



FC8FFF

# Complementary

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



F0AF07



0748F0

# 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.



8DB0FF



F0AF07



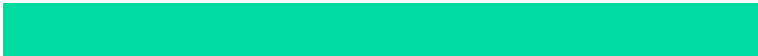
00D7FF

# Square

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



F0AF07



00DBA1



00C9FF



FF74D3

# Rectangle

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



F0AF07



74D042



00C9FF



DF9BFF



# Sweetspot

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



F0AF07



FFEAB5



F00749



807353



000000



808080



# Same Dimension

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



F0AF07



FFB800



BEF007



78756C



B88400



382800



# Inverse Universe

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



0748F0



0047FF



3907F0



6C6F78



0033B8



001038



# Previews

## White Background



This preview shows how the Hex color F0AF07 looks on a white background.

## Color Contrast Check

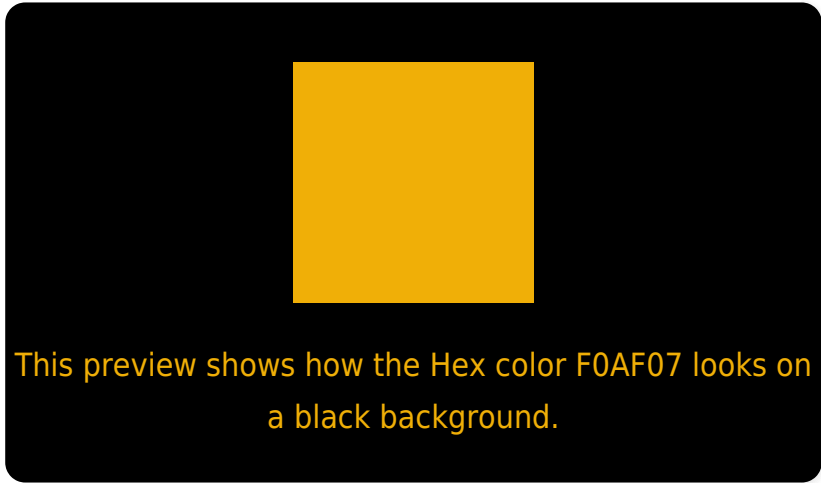
Large Text (above 18pt) WCAG AA × Fail

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 F0AF07 Background



This preview shows how black text looks on a background with the Hex color F0AF07.



This preview shows how white text looks on a background with the Hex color F0AF07.

# 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**  
F0AF07

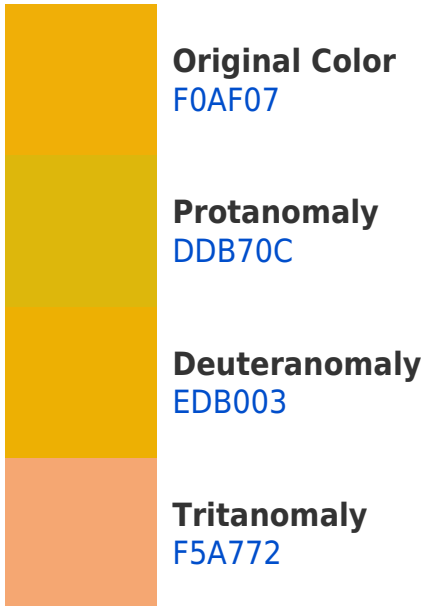
**Protanopia**  
D2BB0F

**Deuteranopia**  
ECB100

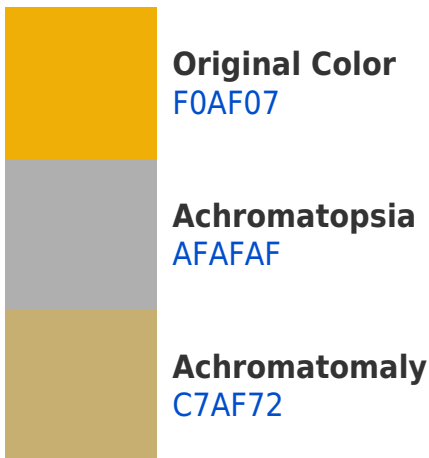


**Tritanopia**  
F8A3AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0AF07 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 #F0AF07 looks like.

```
.text, #text, p{  
    color:#F0AF07  
}
```

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 #F0AF07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0AF07
}
```

## Border

The CSS property to change the border of an element to Hex F0AF07 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
#F0AF07 }
```

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

```
.border{ border-color:#F0AF07 }
```

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

Here you see how a box with a 4 pixel #F0AF07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0AF07; -webkit-box-shadow:4px 4px  
4px 4px #F0AF07; box-shadow:4px 4px 4px  
4px #F0AF07 }
```

# Background

The CSS property to change the background color of an element to Hex F0AF07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0AF07 }
```

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

```
.background{ background-color:#F0AF07 }
```

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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