

Converting Colors

Hex(FFAC0E)

Have a look what the booklet for
Hex(FFAC0E) contains.

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Color

Hex(FFAC0E)

Conversions

Conversions Part 1

Format	Color
Hex	FFAC0E
RGB	255, 172, 14
RGB Percent	100%, 67%, 5%
CMY	0.0000, 0.3255, 0.9451
CMYK	0.00, 0.33, 0.95, 0.00
HSL	39°, 100%, 53%
HSV	39°, 95%, 100%
XYZ	56.0718, 50.7968, 7.2649
YIQ	178.8050, 100.1860, -31.5420

Conversions

Conversions Part 2

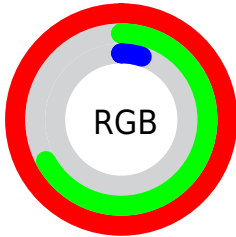
Format	Color
RYB	141, 255, 14
Decimal	16755726
CIELab	76.56, 20.40, 78.46
CIElCh	77, 81.069, 75.427
Yxy	50.7968, 0.4913, 0.4451
Android (android.graphics.Color)	4294945806 (0xFFFFAC0E)
YUV	178.8050, -81.2489, 66.8230
Hunter-Lab	71.2718, 15.7058, 43.8467

Details

The Hex color **FFAC0E** 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 **0E61FF**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFE355**, and **C07800** is the 20% darker color. If you saturate the color by 10%, you get **FFA700**, and if you desaturate by 10%, it is **FFB528**.

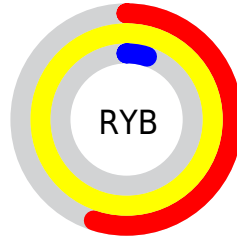
Distribution



Red (100%)

Green (67%)

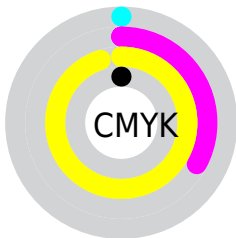
Blue (5%)



Red (55%)

Yellow (100%)

Blue (5%)

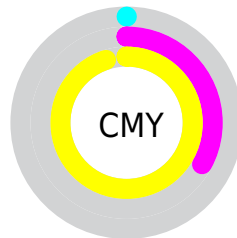


Cyan (0%)

Magenta (33%)

Yellow (95%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFAC0E 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 FFAC0E by changing the saturation by 10% instead.

 FFAC0E

 FFAC0E

FFFFFF

 DF9100

 FFE355

 C07800

 FFFF71

 A25F00

 FFFF8E

 834700

 FFFFAA

 663100

 FFFFC7

 4A1B00

 FFFF E5

 2F0500

 0E0000

 000000

 FFAC0E

 FFAC0E

 FFA700

 FFB528

 FFBE41

 FFC65B

 FFCF74

 FFD88E

 FFE1A7

 FFE9C1

 FFF2DA

 FFFBF4

Harmonies

Analogous

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



FF8C54



FFAC0E



BDC500

Triad

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



FFAC0E



00E0E3



F197FF

Complementary

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



FFAC0E



0E61FF

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.



68B8FF



FFAC0E



00DCFF

Square

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



FFAC0E



00DD94



00D0FF



FF77E5

Rectangle

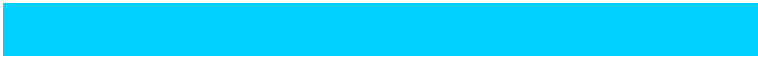
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFAC0E



86D133



00D0FF



CFA3FF

Sweetspot

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



FFAC0E



FFE6B8



FF0E62



807154



000000



808080

Same Dimension

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



FFAC0E



FFA700



DBFF0E



807B73



BF7D00



402A00

Inverse Universe

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



0E61FF



0058FF



320EFF



737780



0042BF



001640

Previews

White Background



This preview shows how the Hex color FFAC0E looks on a white background.

Color Contrast Check

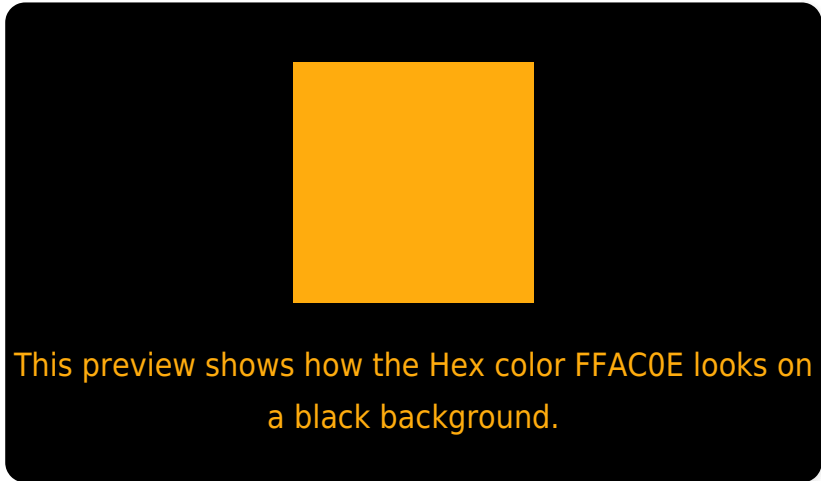
Large Text (above 18pt) WCAG AA × Fail

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 FFAC0E Background



This preview shows how black text looks on a background with the Hex color FFAC0E.

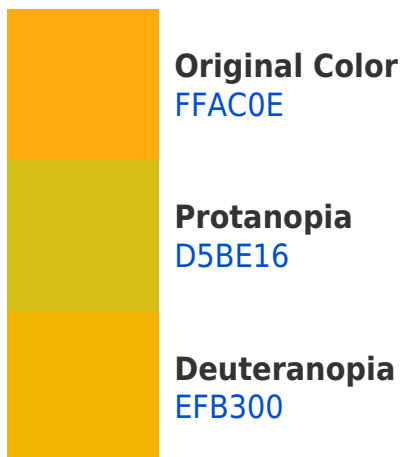


This preview shows how white text looks on a background with the Hex color FFAC0E.

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](#).

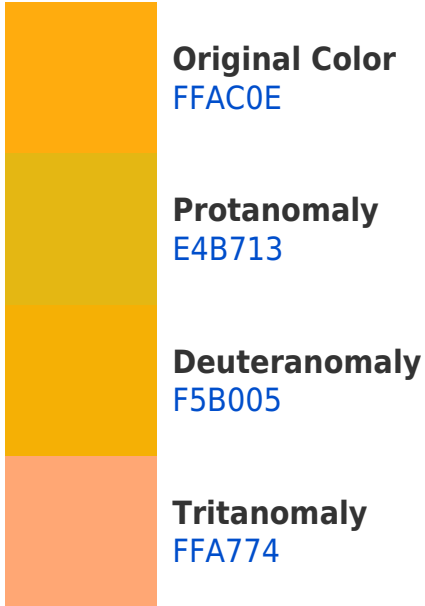
Dichromacy





Tritanopia
FFA4AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFAC0E 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 #FFAC0E looks like.

```
.text, #text, p{  
    color:#FFAC0E  
}
```

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 #FFAC0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFAC0E
}
```

Border

The CSS property to change the border of an element to Hex FFAC0E 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
#FFAC0E }
```

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

```
.border{ border-color:#FFAC0E }
```

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

Here you see how a box with a 4 pixel #FFAC0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFAC0E; -webkit-box-shadow:4px 4px  
4px 4px #FFAC0E; box-shadow:4px 4px 4px  
4px #FFAC0E }
```

Background

The CSS property to change the background color of an element to Hex FFAC0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFAC0E }
```

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

```
.background{ background-color:#FFAC0E }
```

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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