

Converting Colors

Hex(FFAE0B)

Have a look what the booklet for
Hex(FFAE0B) contains.

Hex(FFAE0B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FFAE0B)

Conversions

Conversions Part 1

Format	Color
Hex	FFAE0B
RGB	255, 174, 11
RGB Percent	100%, 68%, 4%
CMY	0.0000, 0.3176, 0.9569
CMYK	0.00, 0.32, 0.96, 0.00
HSL	40°, 100%, 52%
HSV	40°, 96%, 100%
XYZ	56.4365, 51.5563, 7.2934
YIQ	179.6370, 100.5990, -33.5210

Conversions

Conversions Part 2

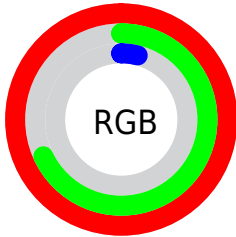
Format	Color
RYB	132, 255, 11
Decimal	16756235
CIELab	77.01, 19.33, 79.15
CIElCh	77, 81.471, 76.277
Yxy	51.5563, 0.4895, 0.4472
Android (android.graphics.Color)	4294946315 (0xFFFFAE0B)
YUV	179.6370, -83.1380, 66.0934
Hunter-Lab	71.8027, 14.6451, 44.2394

Details

The Hex color **FFAE0B** 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 **0B5CFF**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFE554**, and **C07A00** is the 20% darker color. If you saturate the color by 10%, you get **FFAA00**, and if you desaturate by 10%, it is **FFB624**.

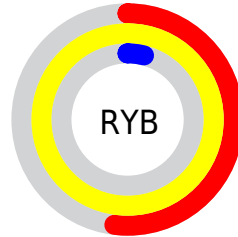
Distribution



Red (100%)

Green (68%)

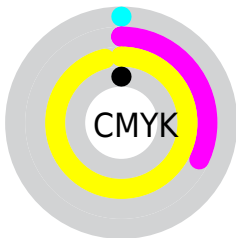
Blue (4%)



Red (52%)

Yellow (100%)

Blue (4%)

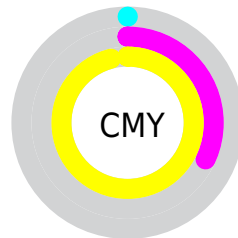


Cyan (0%)

Magenta (32%)

Yellow (96%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFAE0B 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 FFAE0B by changing the saturation by 10% instead.

 FFAE0B

 FFAE0B

FFFFFF

 DF9300

 FFE554

 C07A00

 FFFF71

 A26100

 FFFF8D

 834900

 FFFFAA

 663200

 FFFFC7

 4A1D00

 FFFF E4

 300800

 100000

 000000

 FFAE0B

 FFAE0B

 FFAA00

 FFB624

 FFBF3E

 FFC758

 FFD071

 FFD88B

 FFE1A4

 FFE9BE

 FFF2D7

 FFFAF1

Harmonies

Analogous

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



FF8E53



FFAE0B



BCC700

Triad

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



FFAE0B



00E1E6



F597FF

Complementary

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



FFAE0B



0B5CFF

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.



70B9FF



FFAE0B



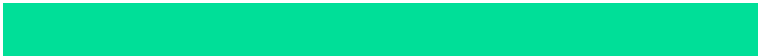
00DDFF

Square

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



FFAE0B



00DF98



00D1FF



FF77E4

Rectangle

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



FFAE0B



84D335



00D1FF



D4A3FF

Sweetspot

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



FFAE0B



FFE6B5



FF0B5C



807153



000000



808080

Same Dimension

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



FFAE0B



FFAA00



D6FF0B



807B73



BF8000



402B00

Inverse Universe

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



0B5CFF



0055FF



340BFF



737780



003FBF



001540

Previews

White Background



This preview shows how the Hex color FFAE0B looks on a white background.

Color Contrast Check

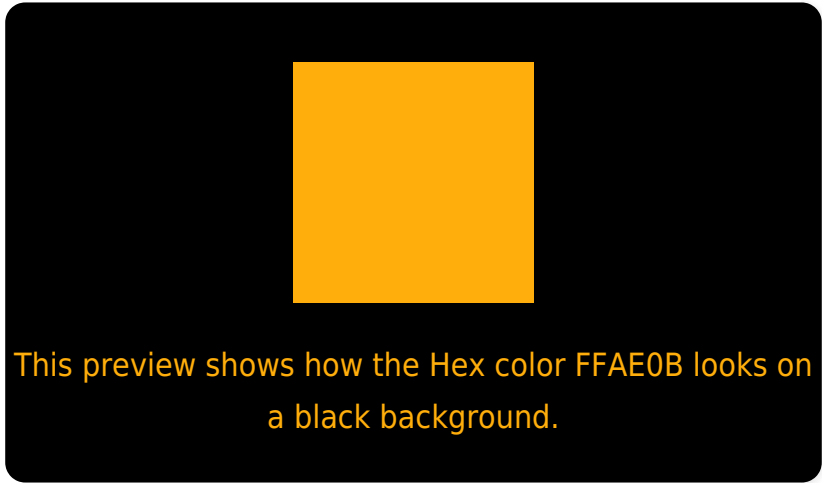
Large Text (above 18pt) WCAG AA × Fail

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 FFAE0B Background



This preview shows how black text looks on a background with the Hex color FFAE0B.



This preview shows how white text looks on a background with the Hex color FFAE0B.

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
FFAE0B

Protanopia
D7BF14

Deuteranopia
F1B500



Tritanopia
FFA6B0

Trichromacy



Original Color
FFAE0B

Protanomaly
E6B911

Deuteranomaly
F6B204

Tritanomaly
FFA974

Monochromacy



Original Color
FFAE0B

Achromatopsia
B4B4B4

Achromatomaly
CFB277

CSS Examples

Text

The CSS property to change the color of the text to Hex FFAE0B 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 #FFAE0B looks like.

```
.text, #text, p{  
    color:#FFAE0B  
}
```

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 #FFAE0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFAE0B
}
```

Border

The CSS property to change the border of an element to Hex FFAE0B 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
#FFAE0B }
```

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

```
.border{ border-color:#FFAE0B }
```

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

Here you see how a box with a 4 pixel #FFAE0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFAE0B; -webkit-box-shadow:4px 4px  
4px 4px #FFAE0B; box-shadow:4px 4px 4px  
4px #FFAE0B }
```

Background

The CSS property to change the background color of an element to Hex FFAE0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFAE0B }
```

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

```
.background{ background-color:#FFAE0B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor