

Converting Colors

Hex(F0AE00)

Have a look what the booklet for
Hex(F0AE00) contains.

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Color

Hex(F0AE00)

Conversions

Conversions Part 1

Format	Color
Hex	F0AE00
RGB	240, 174, 0
RGB Percent	94%, 68%, 0%
CMY	0.0588, 0.3176, 1.0000
CMYK	0.00, 0.27, 1.00, 0.06
HSL	44°, 100%, 47%
HSV	44°, 100%, 94%
XYZ	51.0712, 48.7974, 6.7271
YIQ	173.8980, 95.1900, -40.1220

Conversions

Conversions Part 2

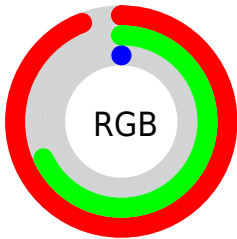
Format	Color
R _Y B	91, 240, 0
Decimal	15773184
CIE Lab	75.33, 12.85, 78.39
CIE LCh	75, 79.437, 80.693
Yxy	48.7974, 0.4791, 0.4578
Android (android.graphics.Color)	4293963264 (0xFFFF0AE00)
YUV	173.8980, -85.7317, 57.9715
Hunter-Lab	69.8551, 8.2553, 43.1889

Details

The Hex color **F0AE00** 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 **0042F0**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **FFE550**, and **B27A00** is the 20% darker color. If you saturate the color by 10%, you get **F0AE00**, and if you desaturate by 10%, it is **F0B518**.

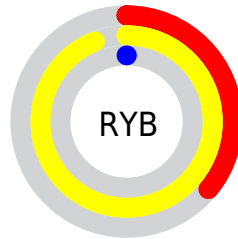
Distribution



Red (94%)

Green (68%)

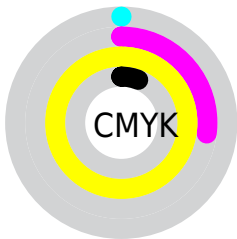
Blue (0%)



Red (36%)

Yellow (94%)

Blue (0%)

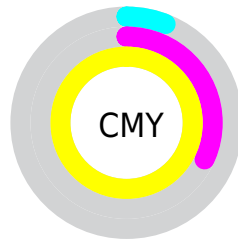


Cyan (0%)

Magenta (27%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (32%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0AE00 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 F0AE00 by changing the saturation by 10% instead.

 F0AE00

 F0AE00

FFFFFF

 D19400

 FFE550

 B27A00

 FFFF6D

 946100

 FFFF8A

 774A00

 FFFFA6

 5A3300

 FFFFC3

 3F1E00

 FFFFEO

 260900

FFFFFFE

 000000

 F0AE00

 F0B518

 F0BB30

 F0C248

 F0C860

 F0CF78

 F0D690

 F0DCA8

 F0E3C0

 F0E9D8

Harmonies

Analogous

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



FF8F48



F0AE00



ACC50C

Triad

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



F0AE00



00DBEB



FB8EFF

Complementary

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



F0AE00



0042F0

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.



8AB0FF



F0AE00



00D7FF

Square

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



F0AE00



00DA9F



00C9FF



FF72D4

Rectangle

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



F0AE00



73CF3F



00C9FF



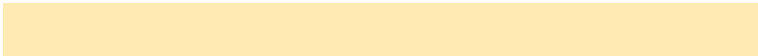
DE9AFF

Sweetspot

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



F0AE00



FFEAB3



F00044



807352



000000



808080

Same Dimension

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



F0AE00



FFB900



BCF000



78756C



B88500



382900

Inverse Universe

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



0042F0



0046FF



3400F0



6C6F78



0032B8



000F38

Previews

White Background



This preview shows how the Hex color F0AE00 looks on a white background.

Color Contrast Check

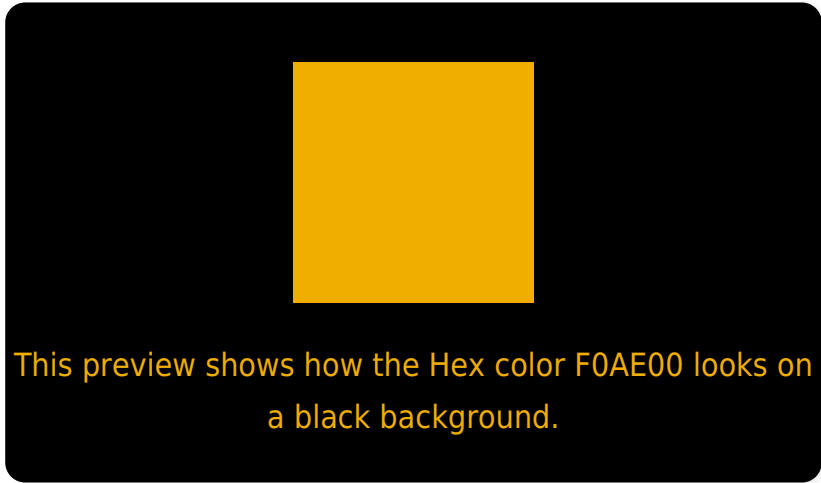
Large Text (above 18pt) WCAG AA × Fail

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 F0AE00 Background



This preview shows how black text looks on a background with the Hex color F0AE00.



This preview shows how white text looks on a background with the Hex color F0AE00.

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
F0AE00

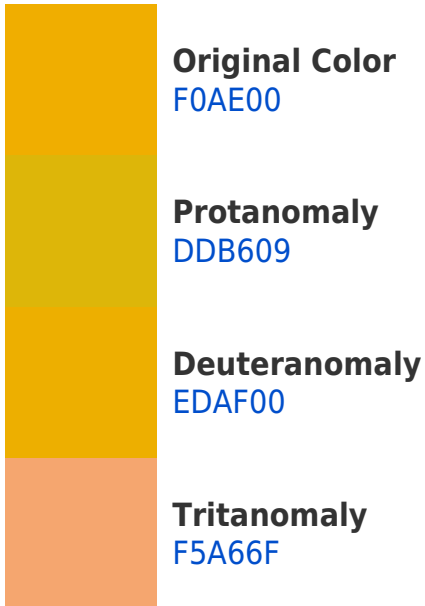
Protanopia
D2BA0E

Deuteranopia
EBB000

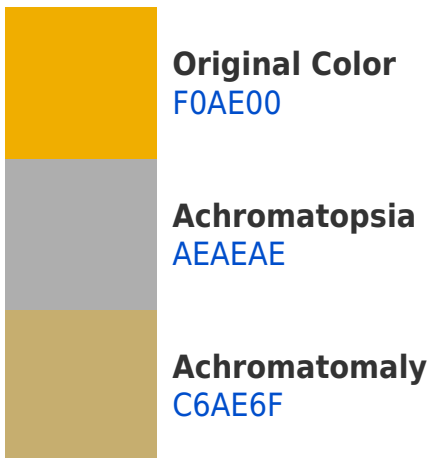


Tritanopia
F8A2AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F0AE00 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 #F0AE00 looks like.

```
.text, #text, p{  
    color:#F0AE00  
}
```

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 #F0AE00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0AE00
}
```

Border

The CSS property to change the border of an element to Hex F0AE00 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
#F0AE00 }
```

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

```
.border{ border-color:#F0AE00 }
```

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

Here you see how a box with a 4 pixel #F0AE00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0AE00; -webkit-box-shadow:4px 4px  
4px 4px #F0AE00; box-shadow:4px 4px 4px  
4px #F0AE00 }
```

Background

The CSS property to change the background color of an element to Hex F0AE00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0AE00 }
```

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

```
.background{ background-color:#F0AE00 }
```

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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