

Converting Colors

Hex(F2AE02)

Have a look what the booklet for
Hex(F2AE02) contains.

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Color

Hex(F2AE02)

Conversions

Conversions Part 1

Format	Color
Hex	F2AE02
RGB	242, 174, 2
RGB Percent	95%, 68%, 1%
CMY	0.0510, 0.3176, 0.9922
CMYK	0.00, 0.28, 0.99, 0.05
HSL	43°, 98%, 48%
HSV	43°, 99%, 95%
XYZ	51.7650, 49.1537, 6.8167
YIQ	174.7240, 95.7400, -39.0760

Conversions

Conversions Part 2

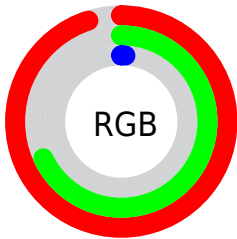
Format	Color
R_{YB}	97, 242, 2
Decimal	15904258
CIE _{Lab}	75.55, 13.72, 78.42
CIE _{LCh}	76, 79.616, 80.075
Yxy	49.1537, 0.4805, 0.4562
Android (android.graphics.Color)	4294094338 (0xFF2AE02)
YUV	174.7240, -85.1529, 59.0011
Hunter-Lab	70.1097, 9.1020, 43.3121

Details

The Hex color **F2AE02** 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 **0246F2**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **FFE551**, and **B47A00** is the 20% darker color. If you saturate the color by 10%, you get **F2AD00**, and if you desaturate by 10%, it is **F2B51A**.

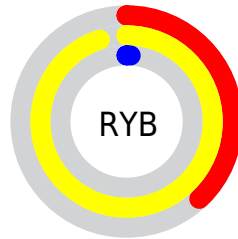
Distribution



Red (95%)

Green (68%)

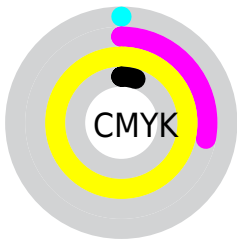
Blue (1%)



Red (38%)

Yellow (95%)

Blue (1%)

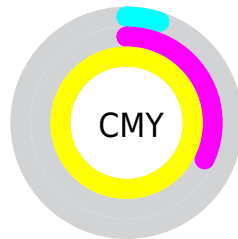


Cyan (0%)

Magenta (28%)

Yellow (99%)

Black (5%)



Cyan (5%)

Magenta (32%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color F2AE02 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 F2AE02 by changing the saturation by 10% instead.

 F2AE02

 F2AE02

FFFFFF

 D39400

 FFE551

 B47A00

 FFFF6E

 966100

 FFFF8A

 784A00

 FFFFA7

 5C3300

 FFFFC4

 401E00

 FFFFE1

 270900

 000000

 F2AE02

 F2AE02

 F2AD00

 F2B51A

 F2BC32

 F2C34B

 F2C963

 F2D07B

 F2D793

 F2DEAB

 F2E5C4

 F2ECDC

Harmonies

Analogous

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



FF8F4A



F2AE02



AFC50A

Triad

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



F2AE02



00DCEB



FA8FFF

Complementary

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



F2AE02



0246F2

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.



87B1FF



F2AE02



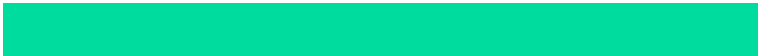
00D7FF

Square

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



F2AE02



00DB9E



00CAFF



FF73D6

Rectangle

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



F2AE02



76D03E



00CAFF



DC9BFF

Sweetspot

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



F2AE02



FFE9B3



F20246



807252



000000



808080

Same Dimension

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



F2AE02



FFB700



BEF202



78746C



B88400



382800

Inverse Universe

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



0246F2



0048FF



3602F2



6C6F78



0034B8



001038

Previews

White Background



This preview shows how the Hex color F2AE02 looks on a white background.

Color Contrast Check

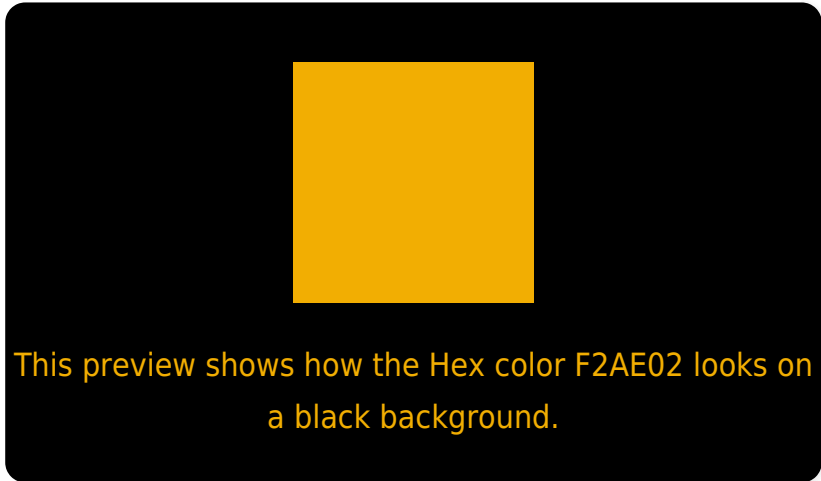
Large Text (above 18pt) WCAG AA × Fail

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 F2AE02 Background



This preview shows how black text looks on a background with the Hex color F2AE02.



This preview shows how white text looks on a background with the Hex color F2AE02.

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
F2AE02

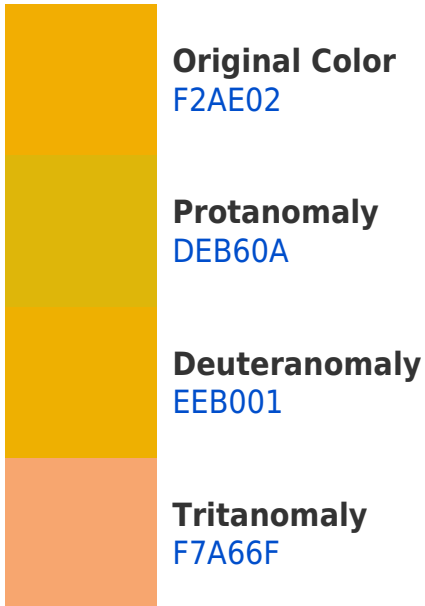
Protanopia
D2BB0F

Deuteranopia
ECB100

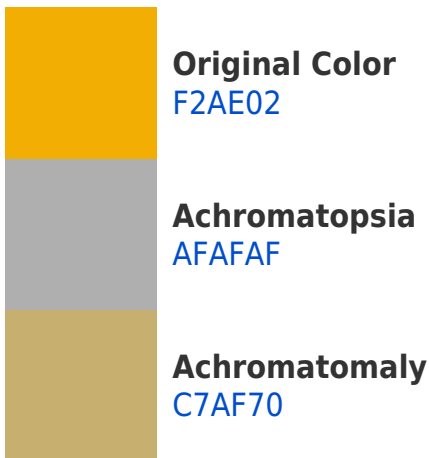


Tritanopia
FAA2AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F2AE02 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 #F2AE02 looks like.

```
.text, #text, p{  
    color:#F2AE02  
}
```

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 #F2AE02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2AE02
}
```

Border

The CSS property to change the border of an element to Hex F2AE02 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
#F2AE02 }
```

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

```
.border{ border-color:#F2AE02 }
```

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

Here you see how a box with a 4 pixel #F2AE02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2AE02; -webkit-box-shadow:4px 4px  
4px 4px #F2AE02; box-shadow:4px 4px 4px  
4px #F2AE02 }
```

Background

The CSS property to change the background color of an element to Hex F2AE02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2AE02 }
```

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

```
.background{ background-color:#F2AE02 }
```

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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