

# Converting Colors

Hex(EFA826)

Have a look what the booklet for  
Hex(EFA826) contains.

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# **Color**

**Hex(EFA826)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFA826
RGB	239, 168, 38
RGB Percent	94%, 66%, 15%
CMY	0.0627, 0.3412, 0.8510
CMYK	0.00, 0.30, 0.84, 0.06
HSL	39°, 86%, 54%
HSV	39°, 84%, 94%
XYZ	49.9491, 46.4959, 8.1757
YIQ	174.4090, 84.0460, -25.3780

# Conversions

## Conversions Part 2

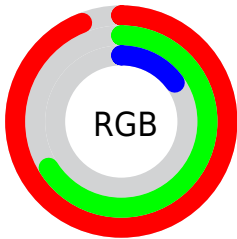
Format	Color
<b>RYB</b>	148, 239, 38
Decimal	15706150
CIELab	73.87, 16.14, 70.57
CIELCh	74, 72.387, 77.120
Yxy	46.4959, 0.4774, 0.4444
Android (android.graphics.Color)	4293896230 (0xFFEFA826)
YUV	174.4090, -67.2496, 56.6463
Hunter-Lab	68.1879, 11.4261, 40.6227

# Details

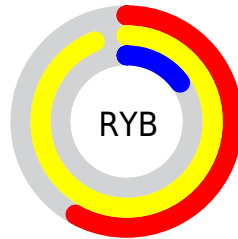
The Hex color **EFA826** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **266DEF**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFDF60**, and **B27400** is the 20% darker color. If you saturate the color by 10%, you get **EFA00E**, and if you desaturate by 10%, it is **EFB03E**.

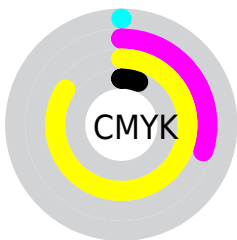
# Distribution



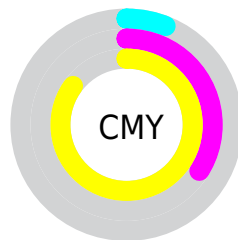
- Red (94%)
- Green (66%)
- Blue (15%)



- Red (58%)
- Yellow (94%)
- Blue (15%)



- Cyan (0%)
- Magenta (30%)
- Yellow (84%)
- Black (6%)



- Cyan (6%)
- Magenta (34%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EFA826 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 EFA826 by changing the saturation by 10% instead.



 EFA826

 EFA826

FFFFFF

 D08E00

 FFDF60

 B27400

 FFFC7C

 945C00

 FFFF98

 764400

 FFFFB4

 5A2E00

 FFFFD1

 3E1900

 FFFFEE

 260100

 000000

 EFA826

 EFA826

 EFA00E

 EFB03E

 EF9B00

 EFB956

 EFC16E

 EFCA86

 EFD29E

 EFDBB5

 EFE3CD

 EFCE5

 EFF4FD

# Harmonies

## Analogous

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



FF8D56



EFA826



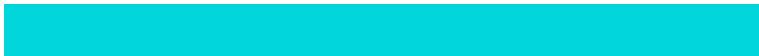
B3BE23

# Triad

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



EFA826



00D5DB



E993FF

# Complementary

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



EFA826



266DEF

# 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.



7CB0FF



EFA826



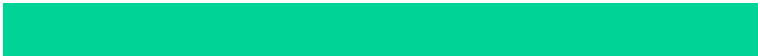
00D1FF

# Square

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



EFA826



00D396



00C5FF



FF7AD5

# Rectangle

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



EFA826



82C842



00C5FF



CC9DFF



# Sweetspot

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



EFA826



FFE8BF



EF2670



807259



000000



808080



# Same Dimension

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



EFA826



FFA500



D4EF26



78746C



B87700



382400



# Inverse Universe

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



266DEF



005AFF



4126EF



6C7078



0041B8



001438



# Previews

## White Background



This preview shows how the Hex color EFA826 looks on a white background.

## Color Contrast Check

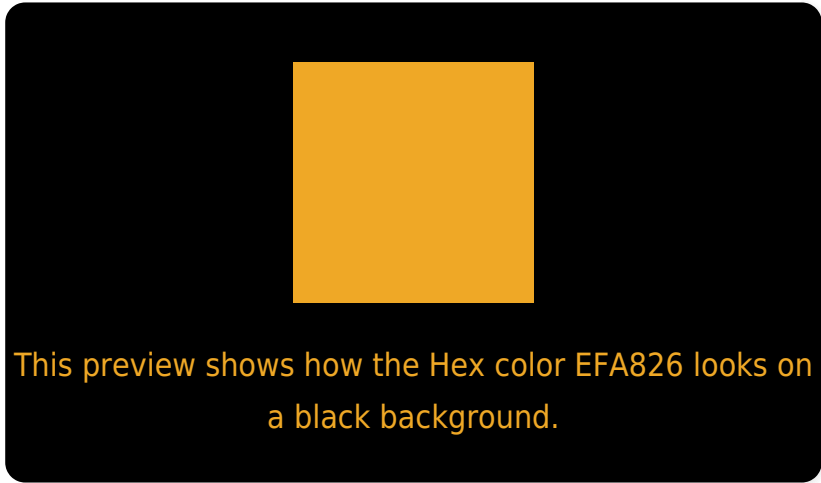
Large Text (above 18pt) WCAG AA × Fail

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 EFA826 Background



This preview shows how black text looks on a background with the Hex color EFA826.



This preview shows how white text looks on a background with the Hex color EFA826.

# 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**  
EFA826

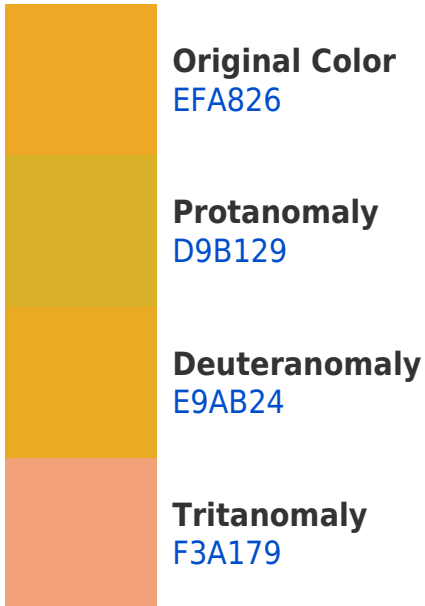
**Protanopia**  
CDB62A

**Deuteranopia**  
E5AD23

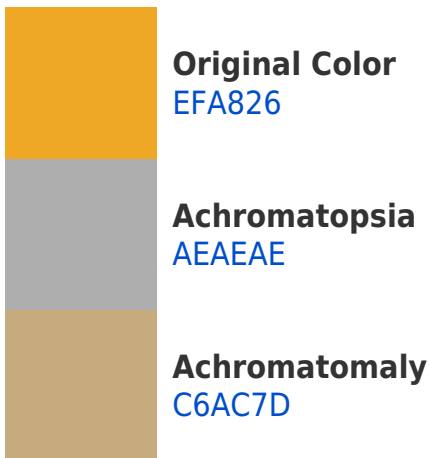


**Tritanopia**  
F69DA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EFA826 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 #EFA826 looks like.

```
.text, #text, p{  
    color:#EFA826  
}
```

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 #EFA826 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EFA826
}
```

## Border

The CSS property to change the border of an element to Hex EFA826 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
#EFA826 }
```

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

```
.border{ border-color:#EFA826 }
```

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

Here you see how a box with a 4 pixel #EFA826 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EFA826; -webkit-box-shadow:4px 4px  
4px 4px #EFA826; box-shadow:4px 4px 4px  
4px #EFA826 }
```

# Background

The CSS property to change the background color of an element to Hex EFA826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EFA826 }
```

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

```
.background{ background-color:#EFA826 }
```

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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