

Converting Colors

Hex(EEA805)

Have a look what the booklet for
Hex(EEA805) contains.

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Color

Hex(EEA805)

Conversions

Conversions Part 1

Format	Color
Hex	EEA805
RGB	238, 168, 5
RGB Percent	93%, 66%, 2%
CMY	0.0667, 0.3412, 0.9804
CMYK	0.00, 0.29, 0.98, 0.07
HSL	42°, 96%, 48%
HSV	42°, 98%, 93%
XYZ	49.2899, 46.1934, 6.4619
YIQ	170.3480, 94.0430, -35.8530

Conversions

Conversions Part 2

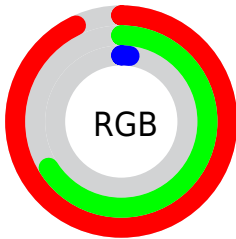
Format	Color
RYB	105, 238, 5
Decimal	15640581
CIELab	73.67, 15.20, 76.59
CIELCh	74, 78.085, 78.779
Yxy	46.1934, 0.4835, 0.4531
Android (android.graphics.Color)	4293830661 (0xFFEEA805)
YUV	170.3480, -81.5166, 59.3308
Hunter-Lab	67.9657, 10.5114, 41.9389

Details

The Hex color **EEA805** 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 **054BEE**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFDF51**, and **B07400** is the 20% darker color. If you saturate the color by 10%, you get **EEA600**, and if you desaturate by 10%, it is **EEAF1D**.

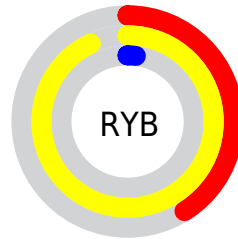
Distribution



Red (93%)

Green (66%)

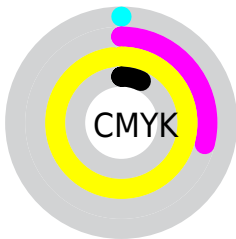
Blue (2%)



Red (41%)

Yellow (93%)

Blue (2%)

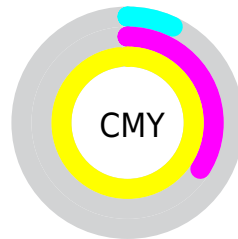


Cyan (0%)

Magenta (29%)

Yellow (98%)

Black (7%)



Cyan (7%)

Magenta (34%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color EEA805 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 EEA805 by changing the saturation by 10% instead.

 EEA805

 EEA805

FFFFFF

 CF8E00

 FFDF51

 B07400

 FFFB6D

 925C00

 FFFF89

 754400

 FFFFA6

 582E00

 FFFFC3

 3D1900

 FFFFEO

 250100

 FFFFFD

 000000

 EEA805

 EEA805

■ EEA600

■ EEA61D

■ EEB635

■ EEBD4C

■ EEC564

■ EECC7C

■ EED394

■ EEDAAC

■ EEE1C3

■ EEE8DB

Harmonies

Analogous

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



FF8A4A



EEA805



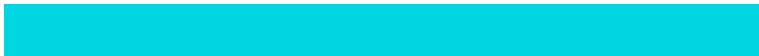
ADBF04

Triad

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



EEA805



00D6E1



F08DFF

Complementary

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



EEA805



054BEE

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.



7BADFF



EEA805



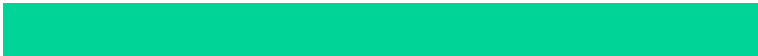
00D2FF

Square

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



EEA805



00D597



00C5FF



FF70D3

Rectangle

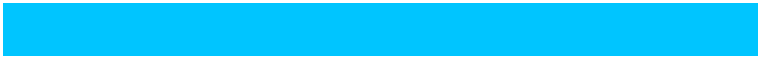
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EEA805



76CA39



00C5FF



D298FF

Sweetspot

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



EEA805



FFE9B5



EE054F



807253



000000



808080

Same Dimension

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



EEA805



FFB200



C3EE05



78746C



B88000



382700

Inverse Universe

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



054BEE



004DFF



3005EE



6C6F78



0037B8



001138

Previews

White Background



This preview shows how the Hex color EEA805 looks on a white background.

Color Contrast Check

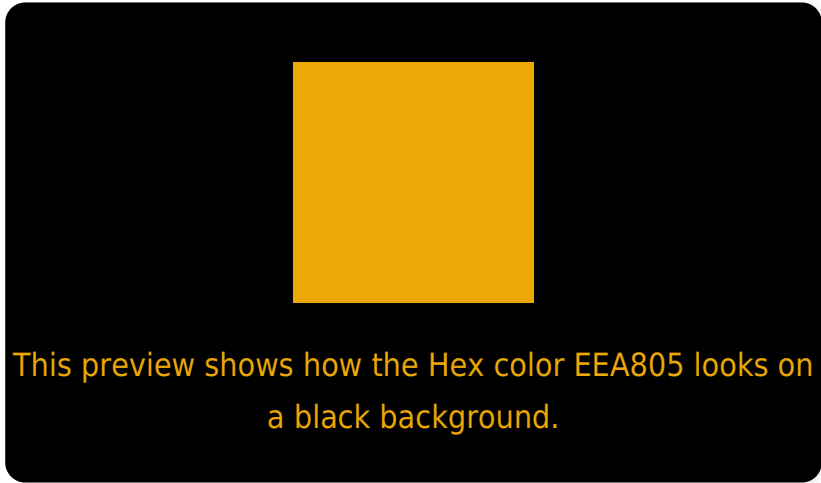
Large Text (above 18pt) WCAG AA × Fail

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 EEA805 Background



This preview shows how black text looks on a background with the Hex color EEA805.



This preview shows how white text looks on a background with the Hex color EEA805.

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
EEA805

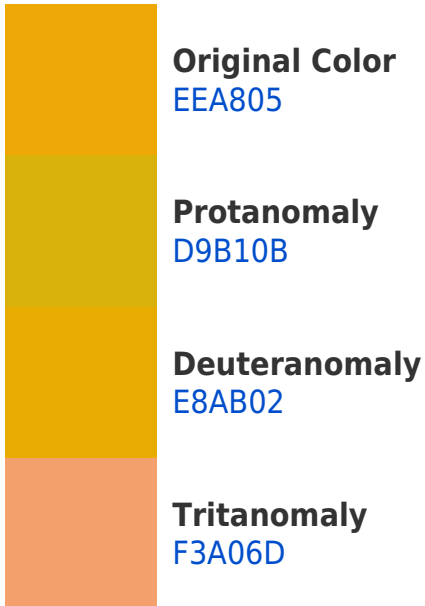
Protanopia
CDB60F

Deuteranopia
E5AC00

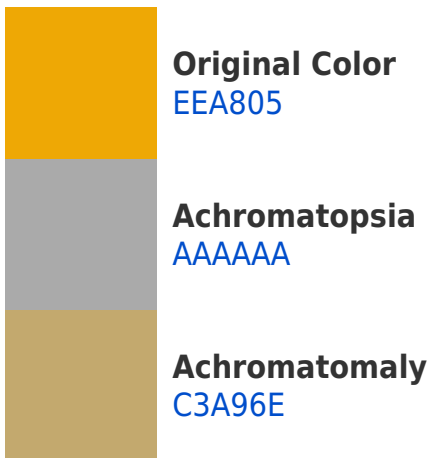


Tritanopia
F69CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EEA805 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 #EEA805 looks like.

```
.text, #text, p{  
  color:#EEA805  
}
```

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 #EEA805 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEA805
}
```

Border

The CSS property to change the border of an element to Hex EEA805 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
#EEA805 }
```

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

```
.border{ border-color:#EEA805 }
```

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

Here you see how a box with a 4 pixel #EEA805 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEA805; -webkit-box-shadow:4px 4px  
4px 4px #EEA805; box-shadow:4px 4px 4px  
4px #EEA805 }
```

Background

The CSS property to change the background color of an element to Hex EEA805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEA805 }
```

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

```
.background{ background-color:#EEA805 }
```

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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