

Converting Colors

Hex(EEA617)

Have a look what the booklet for
Hex(EEA617) contains.

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Color

Hex(EEA617)

Conversions

Conversions Part 1

Format	Color
Hex	EEA617
RGB	238, 166, 23
RGB Percent	93%, 65%, 9%
CMY	0.0667, 0.3490, 0.9098
CMYK	0.00, 0.30, 0.90, 0.07
HSL	40°, 86%, 51%
HSV	40°, 90%, 93%
XYZ	49.0508, 45.5114, 7.0099
YIQ	171.2260, 88.8150, -29.2090

Conversions

Conversions Part 2

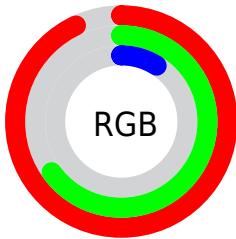
Format	Color
RYB	131, 238, 23
Decimal	15640087
CIELab	73.23, 16.46, 73.68
CIElCh	73, 75.497, 77.410
Yxy	45.5114, 0.4829, 0.4481
Android (android.graphics.Color)	4293830167 (0xFFEEA617)
YUV	171.2260, -73.0754, 58.5608
Hunter-Lab	67.4622, 11.7260, 41.0627

Details

The Hex color **EEA617** 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 **175FEE**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFDD57**, and **B07200** is the 20% darker color. If you saturate the color by 10%, you get **EE9E00**, and if you desaturate by 10%, it is **EEAE2F**.

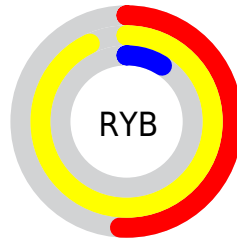
Distribution



Red (93%)

Green (65%)

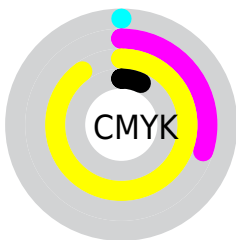
Blue (9%)



Red (51%)

Yellow (93%)

Blue (9%)

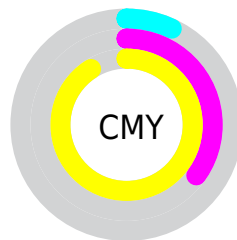


Cyan (0%)

Magenta (30%)

Yellow (90%)

Black (7%)



Cyan (7%)

Magenta (35%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color EEA617 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 EEA617 by changing the saturation by 10% instead.

 EEA617

 EEA617

FFFFFF

 CF8C00

 FFDD57

 B07200

 FFF973

 925A00

 FFFF8F

 754300

 FFFFAB

 582C00

 FFFFC8

 3D1700

 FFFF E5

 250000

 000000

 EEA617

 EEA617

■ EE9E00

■ EEAE2F

■ EEB647

■ EEBE5E

■ EEC676

■ EECE8E

■ EED6A6

■ EEDEBE

■ EEE6D5

■ EEEEEED

Harmonies

Analogous

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



FF894F



EEA617



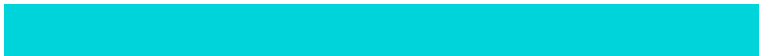
B0BD12

Triad

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



EEA617



00D4DB



E98FFF

Complementary

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



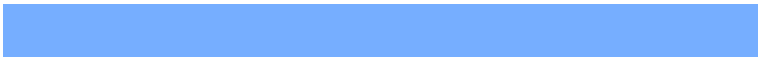
EEA617



175FEE

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.



76AEFF



EEA617



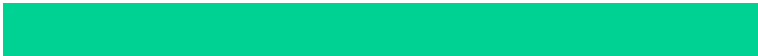
00D0FF

Square

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



EEA617



00D293



00C4FF



FF73D4

Rectangle

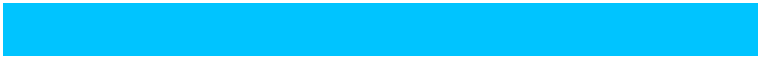
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EEA617



7CC73A



00C4FF



CC9AFF

Sweetspot

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



EEA617



FFE8BA



EE1762



807257



000000



808080

Same Dimension

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



EEA617



FFAA00



CEEE17



78746C



B87A00



382500

Inverse Universe

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



175FEE



0055FF



3717EE



6C7078



003DB8



001338

Previews

White Background



This preview shows how the Hex color EEA617 looks on a white background.

Color Contrast Check

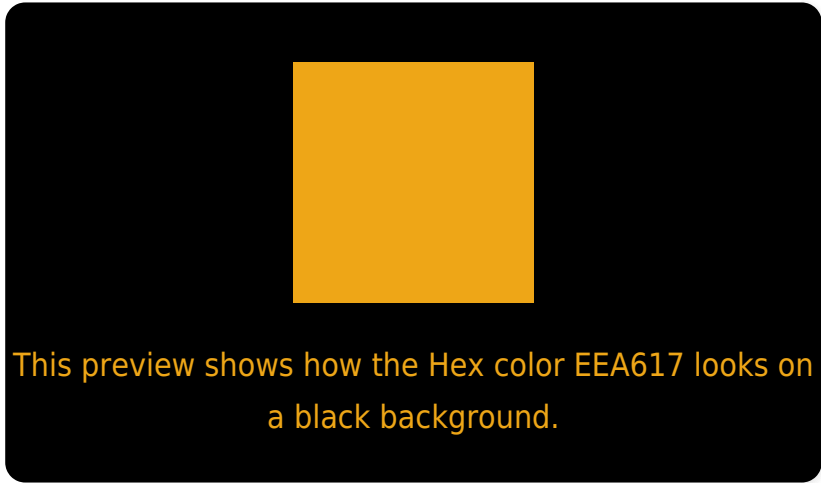
Large Text (above 18pt) WCAG AA × Fail

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 EEA617 Background



This preview shows how black text looks on a background with the Hex color EEA617.



This preview shows how white text looks on a background with the Hex color EEA617.

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
EEA617

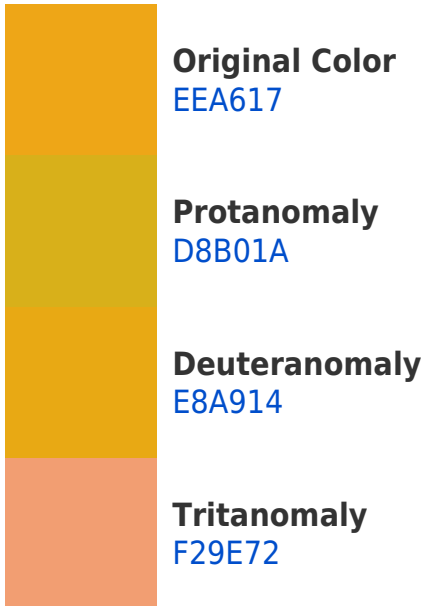
Protanopia
CBB51C

Deuteranopia
E4AB12

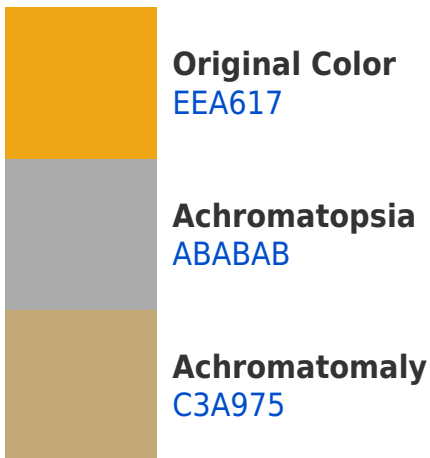


Tritanopia
F59AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EEA617 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 #EEA617 looks like.

```
.text, #text, p{  
    color:#EEA617  
}
```

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 #EEA617 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEA617
}
```

Border

The CSS property to change the border of an element to Hex EEA617 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
#EEA617 }
```

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

```
.border{ border-color:#EEA617 }
```

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

Here you see how a box with a 4 pixel #EEA617 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEA617; -webkit-box-shadow:4px 4px  
4px 4px #EEA617; box-shadow:4px 4px 4px  
4px #EEA617 }
```

Background

The CSS property to change the background color of an element to Hex EEA617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEA617 }
```

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

```
.background{ background-color:#EEA617 }
```

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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