

# Converting Colors

Hex(EEA615)

Have a look what the booklet for  
Hex(EEA615) contains.

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# **Color**

**Hex(EEA615)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEA615
RGB	238, 166, 21
RGB Percent	93%, 65%, 8%
CMY	0.0667, 0.3490, 0.9176
CMYK	0.00, 0.30, 0.91, 0.07
HSL	40°, 86%, 51%
HSV	40°, 91%, 93%
XYZ	49.0315, 45.5037, 6.9083
YIQ	170.9980, 89.4570, -29.8310

# Conversions

## Conversions Part 2

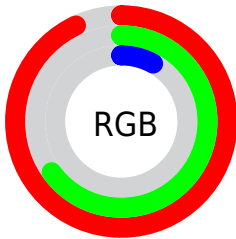
Format	Color
R <sub>Y</sub> B	129, 238, 21
Decimal	15640085
CIE Lab	73.22, 16.43, 74.06
CIE LCh	73, 75.862, 77.496
Yxy	45.5037, 0.4833, 0.4486
Android (android.graphics.Color)	4293830165 (0xFFEEA615)
YUV	170.9980, -73.9490, 58.7608
Hunter-Lab	67.4564, 11.6959, 41.1475

# Details

The Hex color **EEA615** 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 **155DEE**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFDD56**, and **B07200** is the 20% darker color. If you saturate the color by 10%, you get **EE9F00**, and if you desaturate by 10%, it is **EEAE2D**.

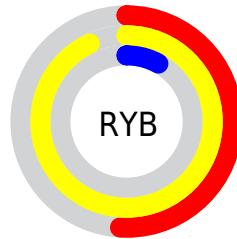
# Distribution



Red (93%)

Green (65%)

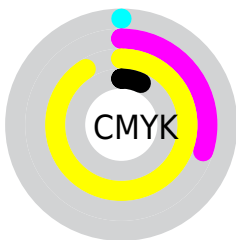
Blue (8%)



Red (51%)

Yellow (93%)

Blue (8%)

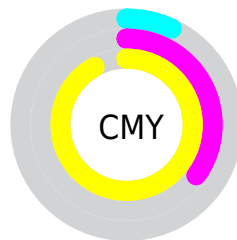


Cyan (0%)

Magenta (30%)

Yellow (91%)

Black (7%)



Cyan (7%)

Magenta (35%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EEA615 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 EEA615 by changing the saturation by 10% instead.



 EEA615

 EEA615

FFFFFF

 CF8C00

 FFDD56

 B07200

 FFF972

 925A00

 FFFF8E

 754300

 FFFFAA

 582C00

 FFFFC7

 3D1700

 FFFF E4

 250000

 000000

 EEA615

 EEA615

 EE9F00

 EEAE2D

 EEB645

 EEBE5C

 EEC674

 EECD8C

 EED5A4

 EEDDBC

 EEE5D3

 EEDEB

# Harmonies

## Analogous

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



FF894F



EEA615



AFBD10

# Triad

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



EEA615



00D4DC



EA8EFF

# Complementary

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



EEA615



155DEE

# 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



EEA615



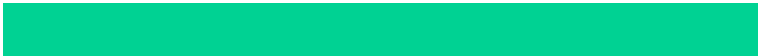
00D0FF

# Square

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



EEA615



00D293



00C4FF



FF73D4

# Rectangle

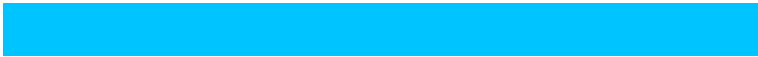
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EEA615



7BC73A



00C4FF



CC99FF



# Sweetspot

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



EEA615



FFE8BA



EE155D



807257



000000



808080



# Same Dimension

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



EEA615



FFAA00



CAEE15



78746C



B87B00



382500



# Inverse Universe

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



155DEE



0055FF



3915EE



6C7078



003DB8



001338



# Previews

## White Background



This preview shows how the Hex color EEA615 looks on a white background.

## Color Contrast Check

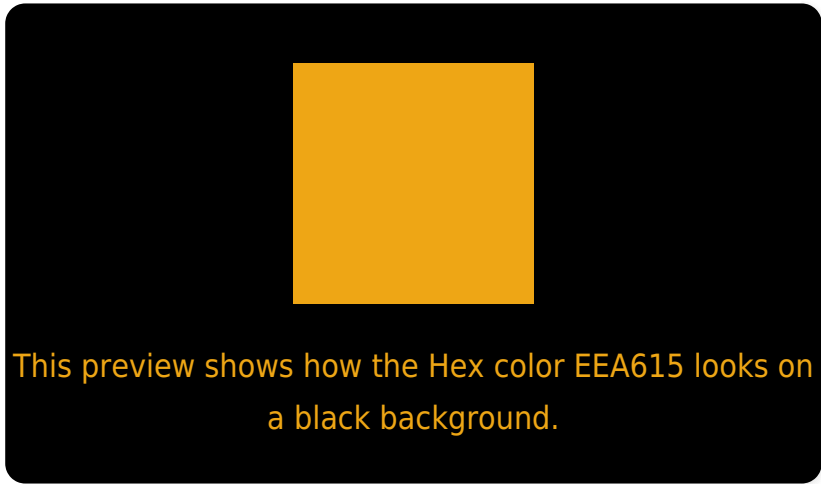
Large Text (above 18pt) WCAG AA × Fail

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 EEA615 Background



This preview shows how black text looks on a background with the Hex color EEA615.



This preview shows how white text looks on a background with the Hex color EEA615.

# 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**  
EEA615

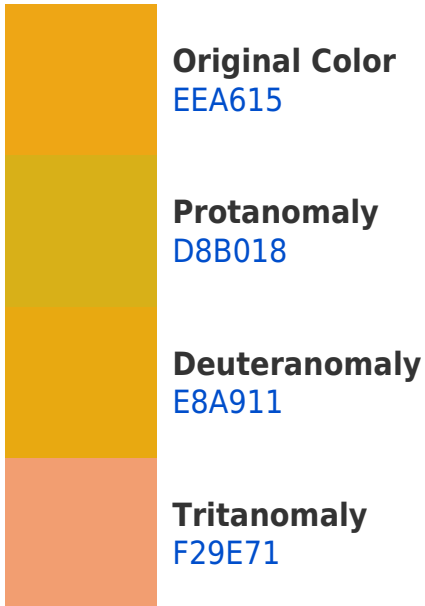
**Protanopia**  
CBB51A

**Deuteranopia**  
E4AB0F

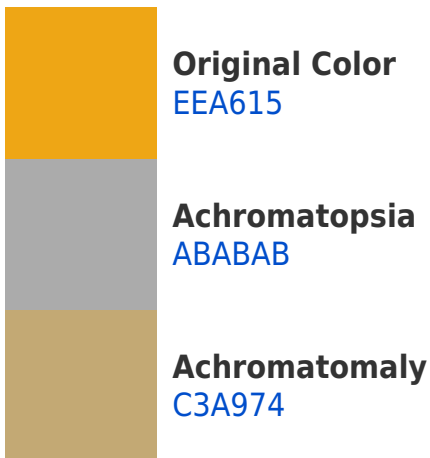


**Tritanopia**  
F59AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EEA615 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 #EEA615 looks like.

```
.text, #text, p{  
  color:#EEA615  
}
```

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 #EEA615 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEA615
}
```

## Border

The CSS property to change the border of an element to Hex EEA615 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
#EEA615 }
```

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

```
.border{ border-color:#EEA615 }
```

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

Here you see how a box with a 4 pixel #EEA615 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEA615; -webkit-box-shadow:4px 4px  
4px 4px #EEA615; box-shadow:4px 4px 4px  
4px #EEA615 }
```

# Background

The CSS property to change the background color of an element to Hex EEA615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEA615 }
```

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

```
.background{ background-color:#EEA615 }
```

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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