

# Converting Colors

Hex(EEA679)

Have a look what the booklet for  
Hex(EEA679) contains.

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# **Color**

**Hex(EEA679)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEA679
RGB	238, 166, 121
RGB Percent	93%, 65%, 47%
CMY	0.0667, 0.3490, 0.5255
CMYK	0.00, 0.30, 0.49, 0.07
HSL	23°, 77%, 70%
HSV	23°, 49%, 93%
XYZ	52.3473, 46.8301, 24.3693
YIQ	182.3980, 57.3570, 1.2690

# Conversions

## Conversions Part 2

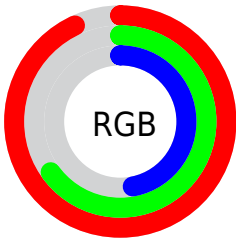
Format	Color
<a href="#">RYB</a>	<a href="#">238, 194, 121</a>
Decimal	<a href="#">15640185</a>
CIELab	<a href="#">74.08, 21.57, 33.88</a>
CIELCh	<a href="#">74, 40.164, 57.522</a>
Yxy	<a href="#">46.8301, 0.4237, 0.3790</a>
Android (android.graphics.Color)	<a href="#">4293830265 (0xFFEEA679)</a>
YUV	<a href="#">182.3980, -30.2692, 48.7630</a>
Hunter-Lab	<a href="#">68.4325, 16.7864, 26.7892</a>

# Details

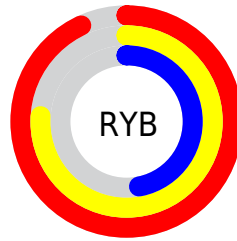
The Hex color **EEA679** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **79C1EE**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFDDAE**, and **B37248** is the 20% darker color. If you saturate the color by 10%, you get **EE9761**, and if you desaturate by 10%, it is **EEB591**.

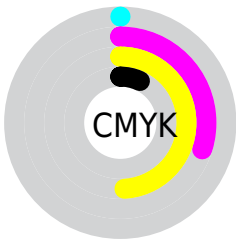
# Distribution



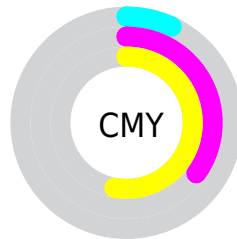
- Red (93%)
- Green (65%)
- Blue (47%)



- Red (93%)
- Yellow (76%)
- Blue (47%)



- Cyan (0%)
- Magenta (30%)
- Yellow (49%)
- Black (7%)



- Cyan (7%)
- Magenta (35%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EEA679 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 EEA679 by changing the saturation by 10% instead.



 EEA679

 EEA679

FFFFFF

 D08B60

 FFDDAE

 B37248

 FFFAC9

 975930

 FFFFEE

 7A411A

 5F2A01

 441400

 2B0000

 000000

 EEA679

 EEA679

 EE9761

 EEB591

 EE8949

 EEC3A9

 EE7A32

 EED2C0

 EE6B1A

 EEE1D8

 EE5D02

 EEEFF0

 EE5C00

 EEFEFF

 EEFFFF

# Harmonies

## Analogous

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



FD9C96



EEA679



D1B36C

# Triad

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



EEA679



4DCAB2



B6AEF7

# Complementary

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



EEA679



79C1EE

# 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.



7BBBF



EEA679



0DC9D7

# Square

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



EEA679



80C68D



35C4F3



E2A1DE

# Rectangle

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



EEA679



B9BB6F



35C4F3



A4B2FC

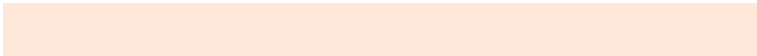


# Sweetspot

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



EEA679



FFE7D9



EE79C1



807169



000000



808080



# Same Dimension

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



EEA679



FFA269



EEE079



78706C



B84700



381600

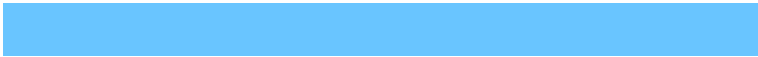


# Inverse Universe

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



79C1EE



69C5FF



7987EE



6C7378



0071B8

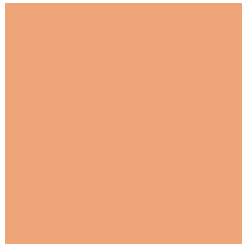


002338



# Previews

## White Background



This preview shows how the Hex color EEA679 looks on a white background.

## Color Contrast Check

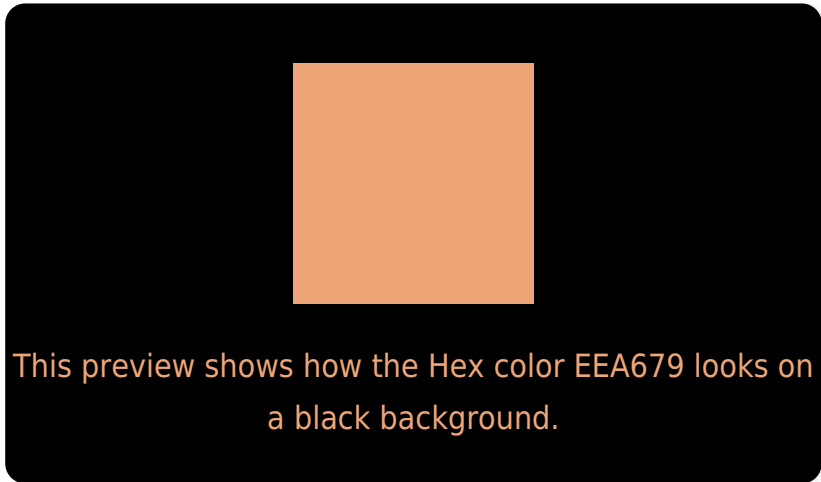
Large Text (above 18pt) WCAG AA × Fail

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

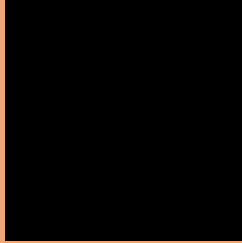
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EEA679 Background



This preview shows how black text looks on a background with the Hex color EEA679.

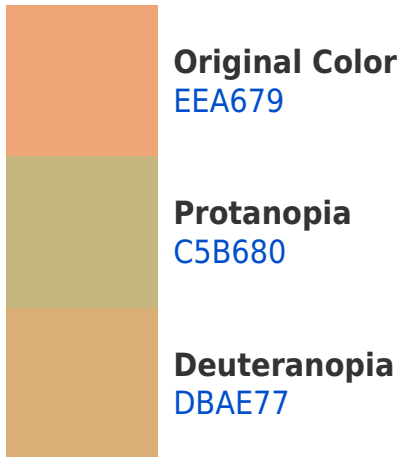


This preview shows how white text looks on a background with the Hex color EEA679.

# 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](#).

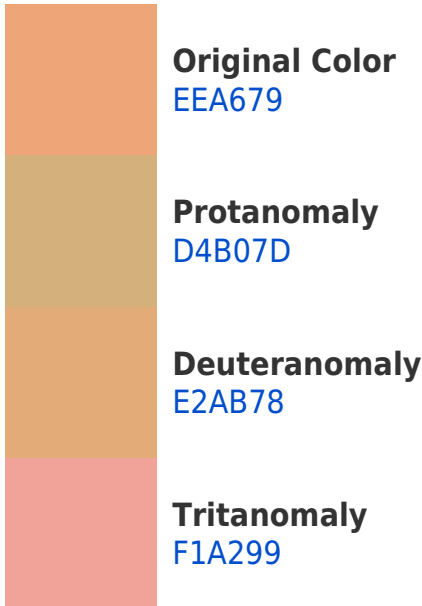
## Dichromacy



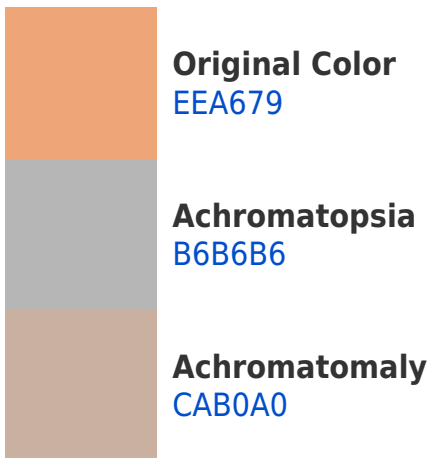


**Tritanopia**  
F29FAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EEA679 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 #EEA679 looks like.

```
.text, #text, p{  
    color:#EEA679  
}
```

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 #EEA679 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEA679
}
```

## Border

The CSS property to change the border of an element to Hex EEA679 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
#EEA679 }
```

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

```
.border{ border-color:#EEA679 }
```

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

Here you see how a box with a 4 pixel #EEA679 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEA679; -webkit-box-shadow:4px 4px  
4px 4px #EEA679; box-shadow:4px 4px 4px  
4px #EEA679 }
```

# Background

The CSS property to change the background color of an element to Hex EEA679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEA679 }
```

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

```
.background{ background-color:#EEA679 }
```

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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