

# Converting Colors

Hex(EA9C16)

Have a look what the booklet for  
Hex(EA9C16) contains.

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# **Color**

**Hex(EA9C16)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA9C16
RGB	234, 156, 22
RGB Percent	92%, 61%, 9%
CMY	0.0824, 0.3882, 0.9137
CMYK	0.00, 0.33, 0.91, 0.08
HSL	38°, 83%, 50%
HSV	38°, 91%, 92%
XYZ	45.9650, 41.3273, 6.3134
YIQ	164.0460, 89.5020, -25.1380

# Conversions

## Conversions Part 2

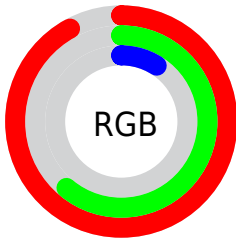
Format	Color
<b>RYB</b>	145, 234, 22
Decimal	15375382
CIELab	70.40, 20.03, 71.56
CIELCh	70, 74.314, 74.363
Yxy	41.3273, 0.4910, 0.4415
Android (android.graphics.Color)	4293565462 (0xFFEA9C16)
YUV	164.0460, -70.0287, 61.3497
Hunter-Lab	64.2863, 15.1272, 39.1777

# Details

The Hex color **EA9C16** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **1664EA**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFD255**, and **AC6900** is the 20% darker color. If you saturate the color by 10%, you get **EA9400**, and if you desaturate by 10%, it is **EAA52D**.

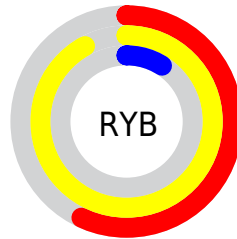
# Distribution



Red (92%)

Green (61%)

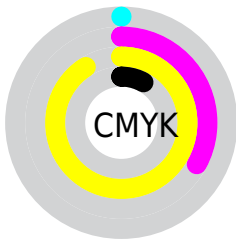
Blue (9%)



Red (57%)

Yellow (92%)

Blue (9%)

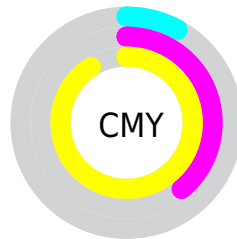


Cyan (0%)

Magenta (33%)

Yellow (91%)

Black (8%)



Cyan (8%)

Magenta (39%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA9C16 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 EA9C16 by changing the saturation by 10% instead.



 EA9C16

 EA9C16

FFFFFF

 CB8200


 FFD255

 AC6900

 FFEF71

 8E5100

 FFFF8C

 713900

 FFFFA8

 542300

 FFFFC5

 390E00

 FFFF E2

 230001

 000000

 EA9C16

 EA9C16

EA9400

EAA52D

EAAD45

EAB65C

EABE74

EAC78B

EAD0A2

EAD8BA

EAE1D1

EAE9E9

# Harmonies

## Analogous

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



FF7F50



EA9C16



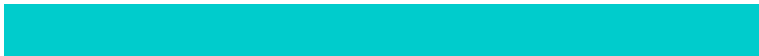
AFB300

# Triad

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



EA9C16



00CCCC



D88BFF

# Complementary

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



EA9C16



1664EA

# 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.



5BA9FF



EA9C16



00C9FF

# Square

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



EA9C16



00C985



00BEFF



FF6FD2

# Rectangle

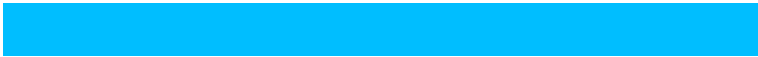
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EA9C16



7EBE2E



00BEFF



B996FF



# Sweetspot

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



EA9C16



FFE6BA



EA1667



807057



000000



808080



# Same Dimension

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



EA9C16



FFA100



D1EA16



75716A



B57200



362200



# Inverse Universe

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



1664EA



005EFF



2F16EA



6A6E75



0043B5



001436



# Previews

## White Background



This preview shows how the Hex color EA9C16 looks on a white background.

## Color Contrast Check

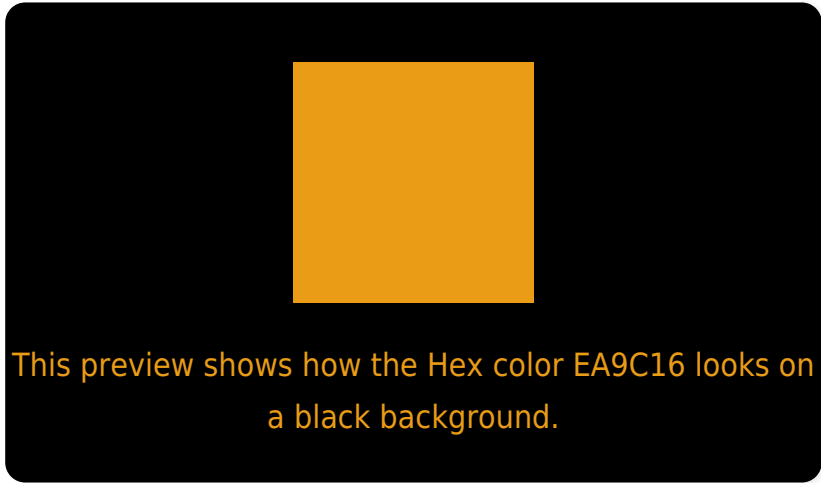
Large Text (above 18pt) WCAG AA × Fail

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 EA9C16 Background



This preview shows how black text looks on a background with the Hex color EA9C16.



This preview shows how white text looks on a background with the Hex color EA9C16.

# 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**  
EA9C16

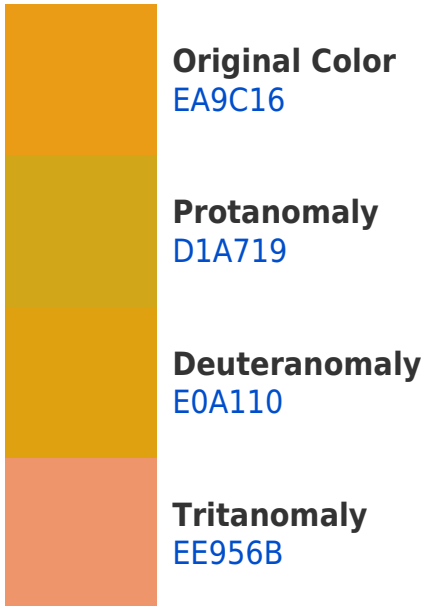
**Protanopia**  
C2AD1B

**Deuteranopia**  
DAA40C

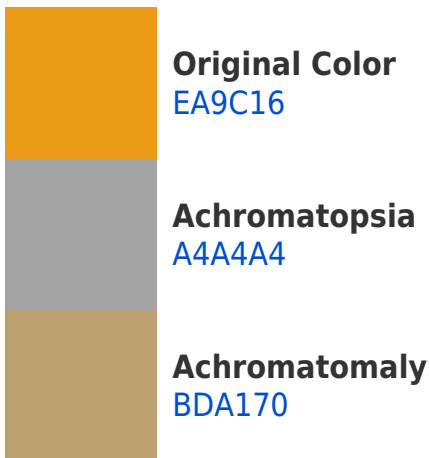


**Tritanopia**  
F0919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA9C16 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 #EA9C16 looks like.

```
.text, #text, p{  
    color:#EA9C16  
}
```

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 #EA9C16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA9C16
}
```

## Border

The CSS property to change the border of an element to Hex EA9C16 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
#EA9C16 }
```

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

```
.border{ border-color:#EA9C16 }
```

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

Here you see how a box with a 4 pixel #EA9C16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA9C16; -webkit-box-shadow:4px 4px  
4px 4px #EA9C16; box-shadow:4px 4px 4px  
4px #EA9C16 }
```

# Background

The CSS property to change the background color of an element to Hex EA9C16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA9C16 }
```

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

```
.background{ background-color:#EA9C16 }
```

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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