

Converting Colors

Hex(E9AA09)

Have a look what the booklet for
Hex(E9AA09) contains.

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Color

Hex(E9AA09)

Conversions

Conversions Part 1

Format	Color
Hex	E9AA09
RGB	233, 170, 9
RGB Percent	91%, 67%, 4%
CMY	0.0863, 0.3333, 0.9647
CMYK	0.00, 0.27, 0.96, 0.09
HSL	43°, 93%, 47%
HSV	43°, 96%, 91%
XYZ	48.0283, 46.0928, 6.6239
YIQ	170.4830, 89.2290, -36.7150

Conversions

Conversions Part 2

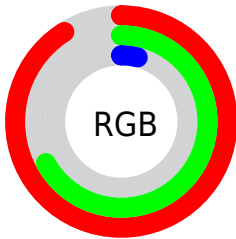
Format	Color
R _Y B	97, 233, 9
Decimal	15313417
CIE Lab	73.61, 12.02, 75.83
CIE LCh	74, 76.780, 80.994
Yxy	46.0928, 0.4767, 0.4575
Android (android.graphics.Color)	4293503497 (0xFFE9AA09)
YUV	170.4830, -79.6111, 54.8274
Hunter-Lab	67.8917, 7.4650, 41.7395

Details

The Hex color **E9AA09** 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 **0948E9**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFE152**, and **AC7600** is the 20% darker color. If you saturate the color by 10%, you get **E9A700**, and if you desaturate by 10%, it is **E9B120**.

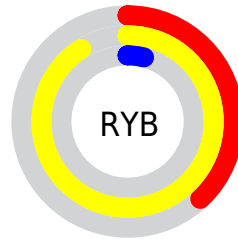
Distribution



Red (91%)

Green (67%)

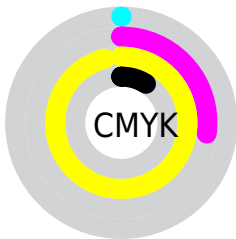
Blue (4%)



Red (38%)

Yellow (91%)

Blue (4%)

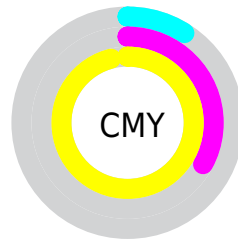


Cyan (0%)

Magenta (27%)

Yellow (96%)

Black (9%)



Cyan (9%)

Magenta (33%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color E9AA09 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 E9AA09 by changing the saturation by 10% instead.

 E9AA09

 E9AA09

FFFFFF

 CA9000


 FFE152

 AC7600

 FFFE6E

 8E5E00

 FFFF8B

 714600

 FFFFA7

 543000

 FFFFC4

 391B00

 FFFFE1

 220300

 000000

 E9AA09

 E9AA09

 E9A700

 E9B120

 E9B738

 E9BE4F

 E9C466

 E9CB7E

 E9D195

 E9D8AC

 E9DEC3

 E9E5DB

Harmonies

Analogous

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



FF8D47



E9AA09



A8C014

Triad

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



E9AA09



00D6E5



F58BFF

Complementary

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



E9AA09



0948E9

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.



89ABFF



E9AA09



00D1FF

Square

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



E9AA09



00D49C



00C3FF



FF71CD

Rectangle

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



E9AA09



71CA40



00C3FF



D996FF

Sweetspot

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



E9AA09



FFEAB5



E90948



807353



000000



808080

Same Dimension

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



E9AA09



FFB700



B8E909



75726A



B58200



362600

Inverse Universe

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



0948E9



0048FF



3A09E9



6A6D75



0033B5



000F36

Previews

White Background



This preview shows how the Hex color E9AA09 looks on a white background.

Color Contrast Check

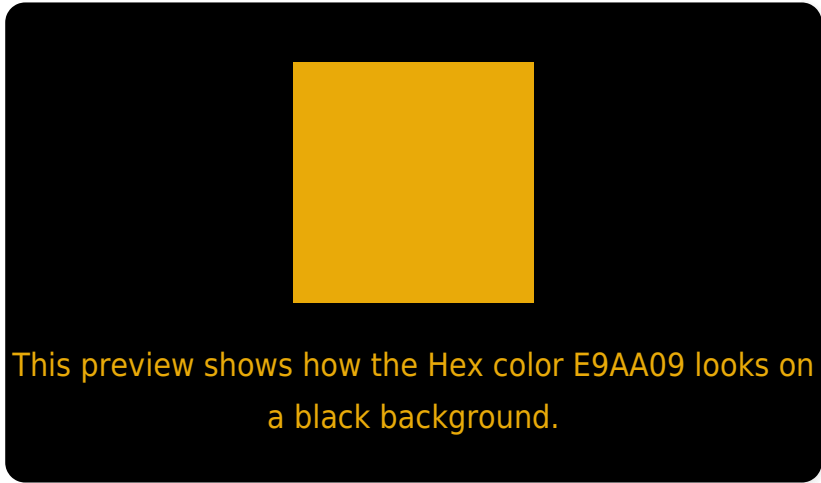
Large Text (above 18pt) WCAG AA × Fail

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 E9AA09 Background



This preview shows how black text looks on a background with the Hex color E9AA09.



This preview shows how white text looks on a background with the Hex color E9AA09.

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](#).

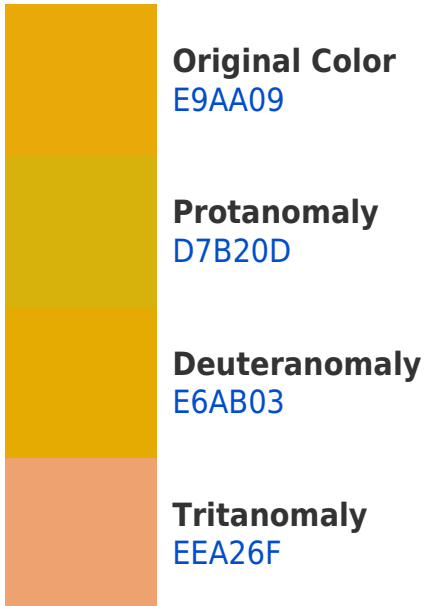
Dichromacy



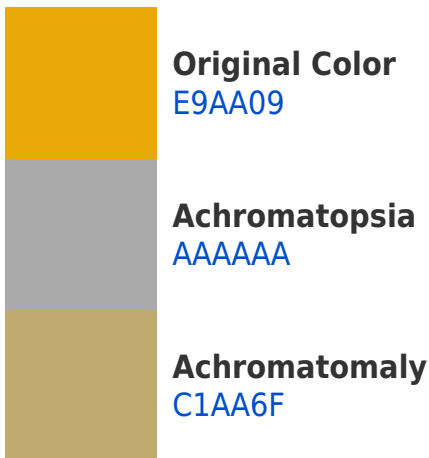


Tritanopia
F19EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E9AA09 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 #E9AA09 looks like.

```
.text, #text, p{  
    color:#E9AA09  
}
```

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 #E9AA09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9AA09
}
```

Border

The CSS property to change the border of an element to Hex E9AA09 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
#E9AA09 }
```

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

```
.border{ border-color:#E9AA09 }
```

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

Here you see how a box with a 4 pixel #E9AA09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9AA09; -webkit-box-shadow:4px 4px  
4px 4px #E9AA09; box-shadow:4px 4px 4px  
4px #E9AA09 }
```

Background

The CSS property to change the background color of an element to Hex E9AA09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9AA09 }
```

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

```
.background{ background-color:#E9AA09 }
```

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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