

Converting Colors

Hex(E9C00A)

Have a look what the booklet for
Hex(E9C00A) contains.

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Color

Hex(E9C00A)

Conversions

Conversions Part 1

Format	Color
Hex	E9C00A
RGB	233, 192, 10
RGB Percent	91%, 75%, 4%
CMY	0.0863, 0.2471, 0.9608
CMYK	0.00, 0.18, 0.96, 0.09
HSL	49°, 92%, 48%
HSV	49°, 96%, 91%
XYZ	52.5087, 55.0448, 8.1444
YIQ	183.5110, 82.8580, -47.9100

Conversions

Conversions Part 2

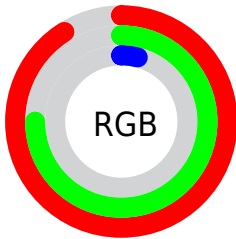
Format	Color
RYB	60, 233, 10
Decimal	15319050
CIELab	79.07, 0.50, 79.64
CIELCh	79, 79.642, 89.643
Yxy	55.0448, 0.4538, 0.4758
Android (android.graphics.Color)	4293509130 (0xFFE9C00A)
YUV	183.5110, -85.5409, 43.4019
Hunter-Lab	74.1922, -3.5050, 45.4260

Details

The Hex color **E9C00A** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed yellow. A complement of this color would be **0A33E9**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFF856**, and **AC8B00** is the 20% darker color. If you saturate the color by 10%, you get **E9BE00**, and if you desaturate by 10%, it is **E9C421**.

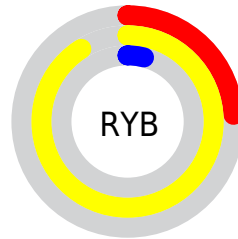
Distribution



Red (91%)

Green (75%)

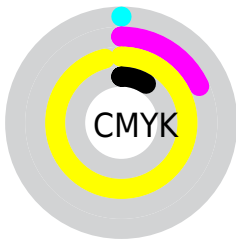
Blue (4%)



Red (24%)

Yellow (91%)

Blue (4%)

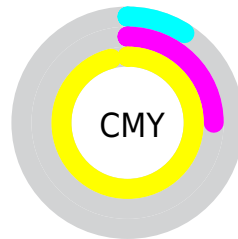


Cyan (0%)

Magenta (18%)

Yellow (96%)

Black (9%)



Cyan (9%)

Magenta (25%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color E9C00A 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 E9C00A by changing the saturation by 10% instead.

 E9C00A

 E9C00A

FFFFFF

 CAA500

 FFF856

 AC8B00

 FFFF73

 8F7200

 FFFF90

 725A00

 FFFFAD

 554300

 FFFFCA

 3B2D00

 FFFFEB

 221900

 000000

 E9C00A

 E9C00A

 E9BE00

 E9C421

 E9C939

 E9CD50

 E9D167

 E9D57E

 E9DA96

 E9DEAD

 E9E2C4

 E9E7DC

Harmonies

Analogous

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



FFA33F



E9C00A



9FD532

Triad

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



E9C00A



00E6FF



FF8FFF

Complementary

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



E9C00A



0A33E9

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.



C0B0FF



E9C00A



00DEFF

Square

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



E9C00A



00E6C1



00CDFE



FF7AC8

Rectangle

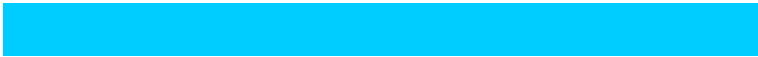
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E9C00A



5CDE5D



00CDFF



FF9AFF

Sweetspot

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



E9C00A



FFF1B5



E90A37



807753



000000



808080

Same Dimension

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



E9C00A



FFD000



A6E90A



75736A



B59400



362C00

Inverse Universe

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



0A33E9



002FFF



4D0AE9



6A6C75



0021B5



000A36

Previews

White Background



This preview shows how the Hex color E9C00A looks on a white background.

Color Contrast Check

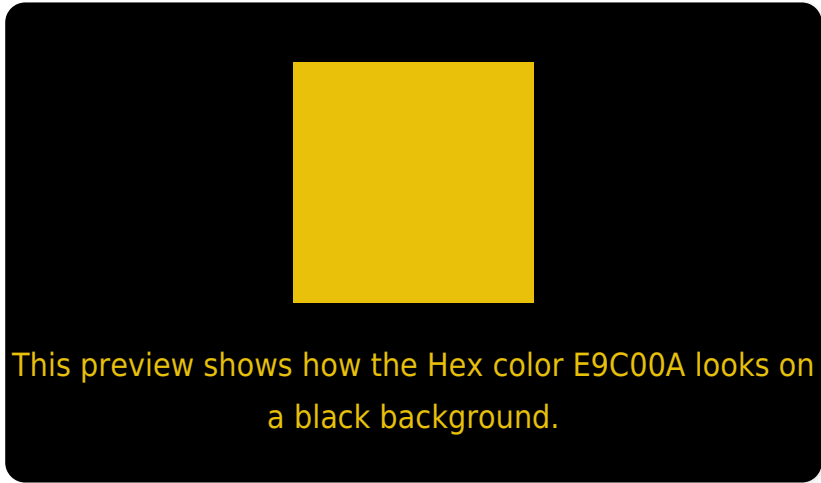
Large Text (above 18pt) WCAG AA × Fail

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 E9C00A Background



This preview shows how black text looks on a background with the Hex color E9C00A.



This preview shows how white text looks on a background with the Hex color E9C00A.

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
E9C00A

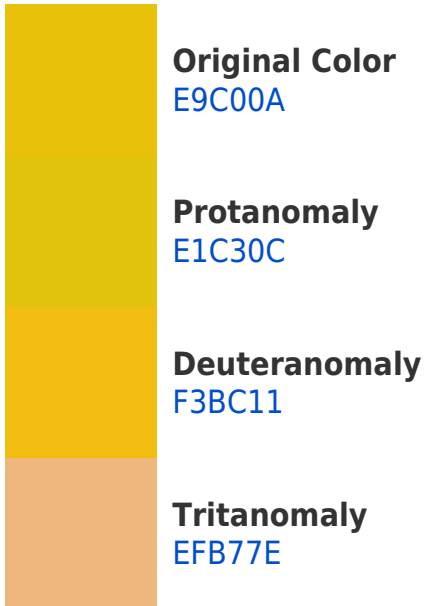
Protanopia
DDC40D

Deuteranopia
F8BA15



Tritanopia
F3B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E9C00A 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 #E9C00A looks like.

```
.text, #text, p{  
  color:#E9C00A  
}
```

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 #E9C00A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9C00A
}
```

Border

The CSS property to change the border of an element to Hex E9C00A 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
#E9C00A }
```

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

```
.border{ border-color:#E9C00A }
```

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

Here you see how a box with a 4 pixel #E9C00A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9C00A; -webkit-box-shadow:4px 4px  
4px 4px #E9C00A; box-shadow:4px 4px 4px  
4px #E9C00A }
```

Background

The CSS property to change the background color of an element to Hex E9C00A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9C00A }
```

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

```
.background{ background-color:#E9C00A }
```

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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