

Converting Colors

Hex(E9A70E)

Have a look what the booklet for
Hex(E9A70E) contains.

Hex(E9A70E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E9A70E)

Conversions

Conversions Part 1

Format	Color
Hex	E9A70E
RGB	233, 167, 14
RGB Percent	91%, 65%, 5%
CMY	0.0863, 0.3451, 0.9451
CMYK	0.00, 0.28, 0.94, 0.09
HSL	42°, 89%, 48%
HSV	42°, 94%, 91%
XYZ	47.5023, 44.9928, 6.5963
YIQ	169.2920, 88.4490, -33.5910

Conversions

Conversions Part 2

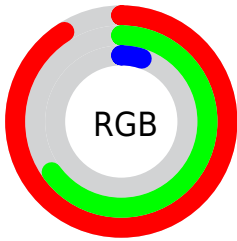
Format	Color
RYB	108, 233, 14
Decimal	15312654
CIELab	72.89, 13.66, 74.70
CIELCh	73, 75.942, 79.640
Yxy	44.9928, 0.4794, 0.4541
Android (android.graphics.Color)	4293502734 (0xFFE9A70E)
YUV	169.2920, -76.5590, 55.8719
Hunter-Lab	67.0767, 9.0257, 41.1231

Details

The Hex color **E9A70E** 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 **0E50E9**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFDE53**, and **AC7300** is the 20% darker color. If you saturate the color by 10%, you get **E9A300**, and if you desaturate by 10%, it is **E9AE25**.

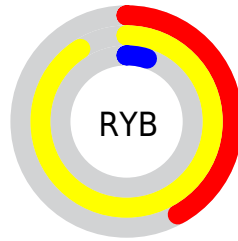
Distribution



Red (91%)

Green (65%)

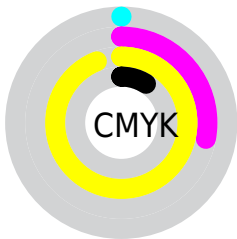
Blue (5%)



Red (42%)

Yellow (91%)

Blue (5%)

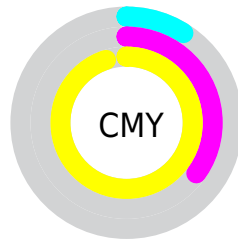


Cyan (0%)

Magenta (28%)

Yellow (94%)

Black (9%)



Cyan (9%)

Magenta (35%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color E9A70E 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 E9A70E by changing the saturation by 10% instead.

 E9A70E

 E9A70E

FFFFFF

 CA8D00

 FFDE53

 AC7300

 FFFA6F

 8E5B00

 FFFF8B

 704400

 FFFFA8

 542E00

 FFFFC4

 391900

 FFFF8B

 220000

 000000

 E9A70E

 E9A70E

 E9A300

 E9AE25

 E9B53D

 E9BC54

 E9C36B

 E9CA83

 E9D19A

 E9D8B1

 E9DFC8

 E9E6E0

Harmonies

Analogous

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



FF8A49



E9A70E



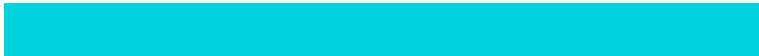
A9BD12

Triad

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



E9A70E



00D3E0



EE8BFF

Complementary

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



E9A70E



0E50E9

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.



81ABFF



E9A70E



00CFFF

Square

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



E9A70E



00D298



00C2FF



FF70CE

Rectangle

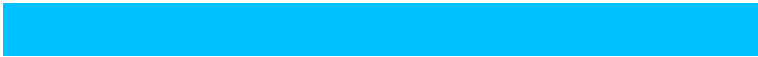
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E9A70E



74C73D



00C2FF



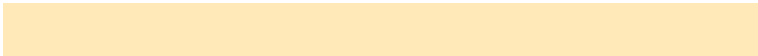
D296FF

Sweetspot

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



E9A70E



FFE9B8



E90E53



807254



000000



808080

Same Dimension

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



E9A70E



FFB200



C1E90E



75726A



B57E00



362500

Inverse Universe

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



0E50E9



004DFF



360EE9



6A6D75



0037B5



001036

Previews

White Background



This preview shows how the Hex color E9A70E looks on a white background.

Color Contrast Check

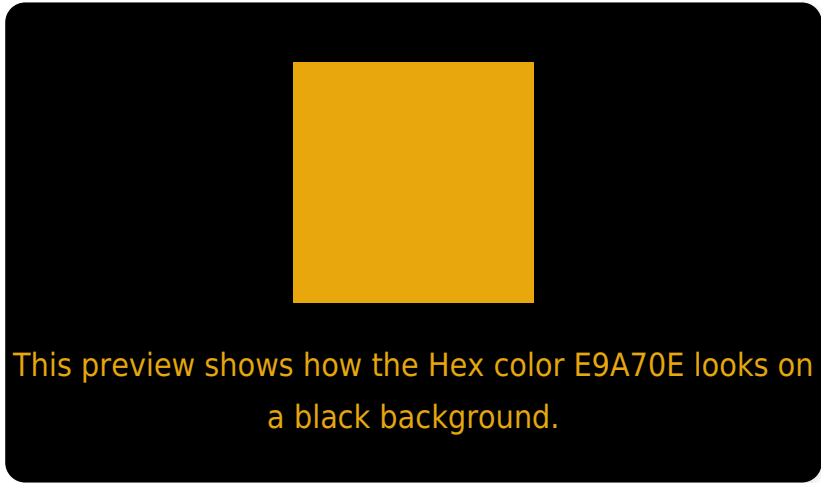
Large Text (above 18pt) WCAG AA × Fail

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 E9A70E Background



This preview shows how black text looks on a background with the Hex color E9A70E.



This preview shows how white text looks on a background with the Hex color E9A70E.

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
E9A70E

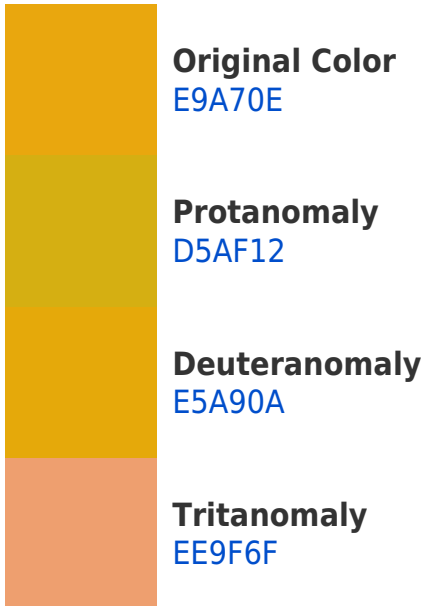
Protanopia
CAB414

Deuteranopia
E3AA07



Tritanopia
F19BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E9A70E 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 #E9A70E looks like.

```
.text, #text, p{  
    color:#E9A70E  
}
```

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 #E9A70E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9A70E
}
```

Border

The CSS property to change the border of an element to Hex E9A70E 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
#E9A70E }
```

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

```
.border{ border-color:#E9A70E }
```

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

Here you see how a box with a 4 pixel #E9A70E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9A70E; -webkit-box-shadow:4px 4px  
4px 4px #E9A70E; box-shadow:4px 4px 4px  
4px #E9A70E }
```

Background

The CSS property to change the background color of an element to Hex E9A70E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9A70E }
```

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

```
.background{ background-color:#E9A70E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor