

Converting Colors

Hex(E0A50C)

Have a look what the booklet for
Hex(E0A50C) contains.

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Color

Hex(E0A50C)

Conversions

Conversions Part 1

Format	Color
Hex	E0A50C
RGB	224, 165, 12
RGB Percent	88%, 65%, 5%
CMY	0.1216, 0.3529, 0.9529
CMYK	0.00, 0.26, 0.95, 0.12
HSL	43°, 90%, 46%
HSV	43°, 95%, 88%
XYZ	44.2620, 42.7841, 6.2731
YIQ	165.1990, 84.2770, -35.0750

Conversions

Conversions Part 2

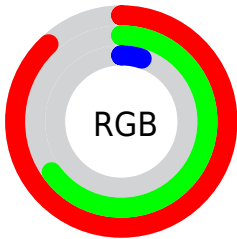
Format	Color
R _Y B	94, 224, 12
Decimal	14722316
CIE Lab	71.41, 10.80, 73.46
CIE LCh	71, 74.248, 81.639
Yxy	42.7841, 0.4743, 0.4585
Android (android.graphics.Color)	4292912396 (0xFFE0A50C)
YUV	165.1990, -75.5271, 51.5685
Hunter-Lab	65.4096, 6.3224, 40.1005

Details

The Hex color **E0A50C** 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 **0C47E0**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFDC52**, and **A37200** is the 20% darker color. If you saturate the color by 10%, you get **E0A200**, and if you desaturate by 10%, it is **E0AB22**.

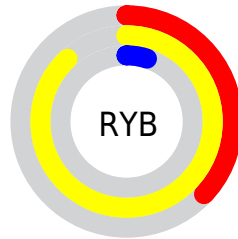
Distribution



Red (88%)

Green (65%)

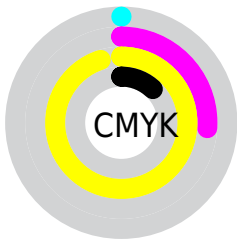
Blue (5%)



Red (37%)

Yellow (88%)

Blue (5%)

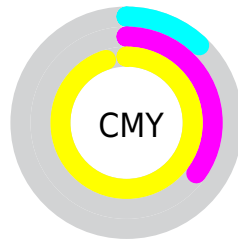


Cyan (0%)

Magenta (26%)

Yellow (95%)

Black (12%)



Cyan (12%)

Magenta (35%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0A50C 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 E0A50C by changing the saturation by 10% instead.

 E0A50C

 E0A50C


FFFFFF

 C18B00

 FFDC52

 A37200

 FFF86E

 865900

 FFFF8A

 694200

 FFFFA6

 4D2C00

 FFFFC3

 331800

 FFFFEO

 1B0000

 FFFFFD

 000000

 E0A50C

 E0A50C

 E0A200

 E0AB22

 E0B139

 E0B84F

 E0BE66

 E0C47C

 E0CA92

 E0D1A9

 E0D7BF

 E0DDD6

Harmonies

Analogous

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



FF8944



E0A50C



A1BA18

Triad

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



E0A50C



00CEDF



EE86FF

Complementary

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



E0A50C



0C47E0

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.



89A5FF



E0A50C



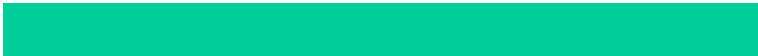
00CAFF

Square

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



E0A50C



00CD99



00BCFF



FF6DC5

Rectangle

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



E0A50C



6CC340



00BCFF



D391FF

Sweetspot

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



E0A50C



FFEBB8



E00C48



807354



000000



808080

Same Dimension

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



E0A50C



FFB800



B2E00C



706D65



B07F00



302300

Inverse Universe

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



0C47E0



0047FF



3A0CE0



656870



0031B0



000D30

Previews

White Background



This preview shows how the Hex color E0A50C looks on a white background.

Color Contrast Check

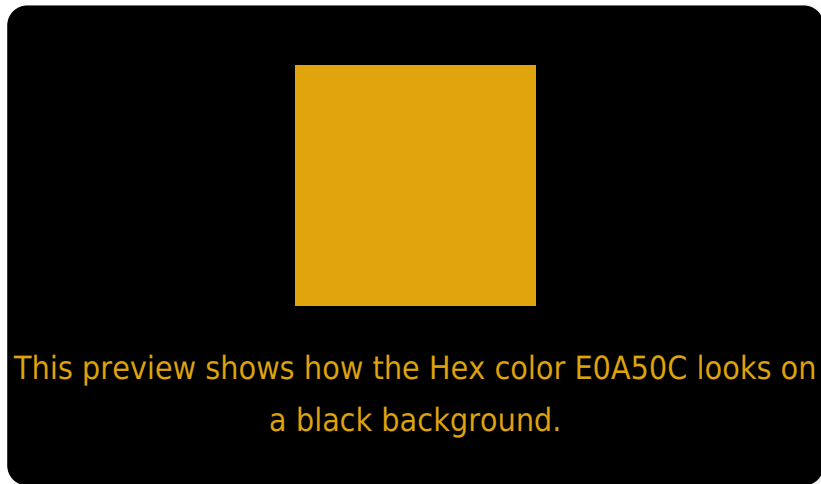
Large Text (above 18pt) WCAG AA × Fail

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 E0A50C Background



This preview shows how black text looks on a background with the Hex color E0A50C.



This preview shows how white text looks on a background with the Hex color E0A50C.

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
E0A50C

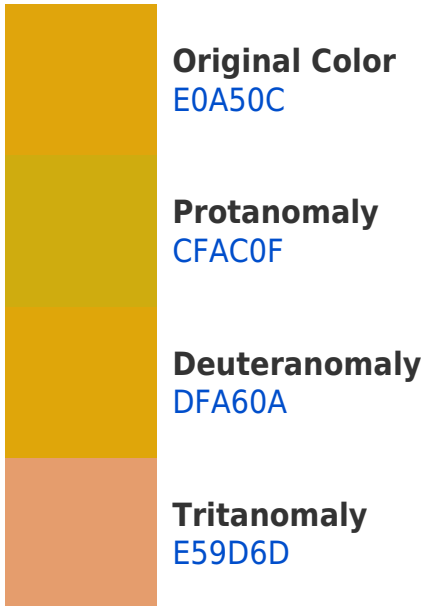
Protanopia
C6B011

Deuteranopia
DEA609

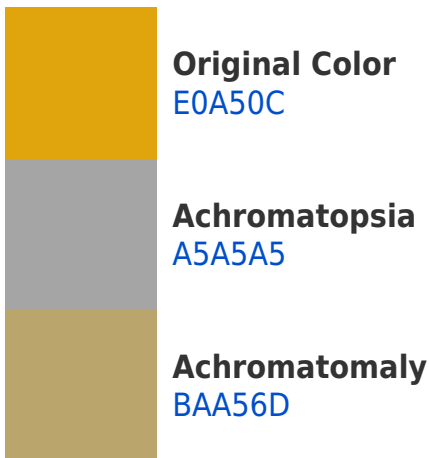


Tritanopia
E899A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E0A50C 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 #E0A50C looks like.

```
.text, #text, p{  
    color:#E0A50C  
}
```

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 #E0A50C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0A50C
}
```

Border

The CSS property to change the border of an element to Hex E0A50C 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
#E0A50C }
```

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

```
.border{ border-color:#E0A50C }
```

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

Here you see how a box with a 4 pixel #E0A50C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0A50C; -webkit-box-shadow:4px 4px  
4px 4px #E0A50C; box-shadow:4px 4px 4px  
4px #E0A50C }
```

Background

The CSS property to change the background color of an element to Hex E0A50C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0A50C }
```

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

```
.background{ background-color:#E0A50C }
```

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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