

Converting Colors

Hex(E0AA18)

Have a look what the booklet for
Hex(E0AA18) contains.

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Color

Hex(E0AA18)

Conversions

Conversions Part 1

Format	Color
Hex	E0AA18
RGB	224, 170, 24
RGB Percent	88%, 67%, 9%
CMY	0.1216, 0.3333, 0.9059
CMYK	0.00, 0.24, 0.89, 0.12
HSL	44°, 81%, 49%
HSV	44°, 89%, 88%
XYZ	45.2801, 44.6627, 7.0984
YIQ	169.5020, 79.0500, -33.9580

Conversions

Conversions Part 2

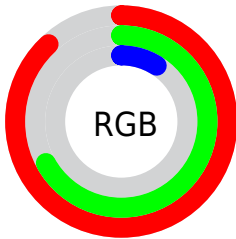
Format	Color
R_{YB}	98, 224, 24
Decimal	14723608
CIE _{Lab}	72.67, 8.31, 72.38
CIE _{LCh}	73, 72.859, 83.451
Yxy	44.6627, 0.4666, 0.4602
Android (android.graphics.Color)	4292913688 (0xFFE0AA18)
YUV	169.5020, -71.7325, 47.7947
Hunter-Lab	66.8302, 3.9880, 40.4836

Details

The Hex color **E0AA18** 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 **184EE0**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFE158**, and **A47600** is the 20% darker color. If you saturate the color by 10%, you get **E0A402**, and if you desaturate by 10%, it is **E0B02E**.

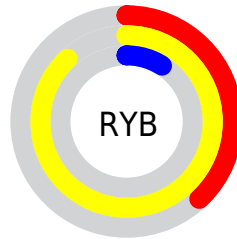
Distribution



Red (88%)

Green (67%)

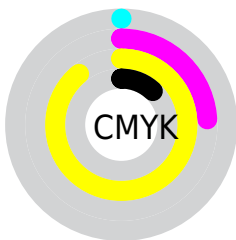
Blue (9%)



Red (38%)

Yellow (88%)

Blue (9%)

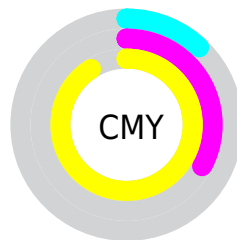


Cyan (0%)

Magenta (24%)

Yellow (89%)

Black (12%)



Cyan (12%)

Magenta (33%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0AA18 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 E0AA18 by changing the saturation by 10% instead.

 E0AA18

 E0AA18

FFFFFF

 C29000

 FFE158

 A47600

 FFFD74

 865E00

 FFFF90

 694600

 FFFFAC

 4D3000

 FFFFC9

 331C00

 FFFFEE

 1B0300

 000000

 E0AA18

 E0AA18

 E0A402

 E0B02E

 E0A400

 E0B645

 E0BC5B

 E0C272

 E0C888

 E0CE9E

 E0D4B5

 E0DACB

 E0E0E2

Harmonies

Analogous

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



FF8F47



E0AA18



A1BE26

Triad

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



E0AA18



00D1E6



F589FF

Complementary

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



E0AA18



184EE0

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.



96A7FF



E0AA18



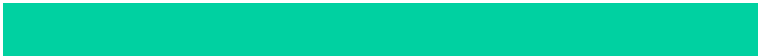
00CCFF

Square

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



E0AA18



00D1A1



00BEFF



FF72C4

Rectangle

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



E0AA18



6BC74A



00BEFF



DC93FF

Sweetspot

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



E0AA18



FFECBA



E01851



807457



000000



808080

Same Dimension

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



E0AA18



FFBA00



B5E018



706D65



B08000



302300

Inverse Universe

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



184EE0



0045FF



4318E0



656870



0030B0



000D30

Previews

White Background



This preview shows how the Hex color E0AA18 looks on a white background.

Color Contrast Check

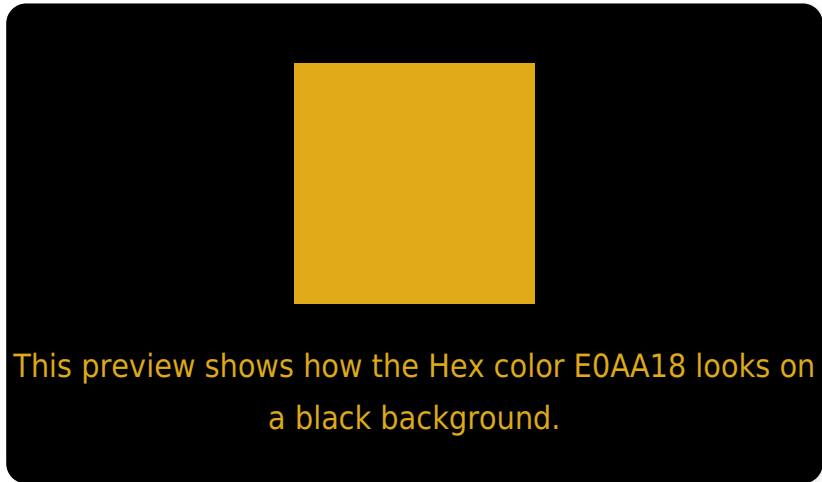
Large Text (above 18pt) WCAG AA × Fail

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 E0AA18 Background



This preview shows how black text looks on a background with the Hex color E0AA18.



This preview shows how white text looks on a background with the Hex color E0AA18.

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
E0AA18

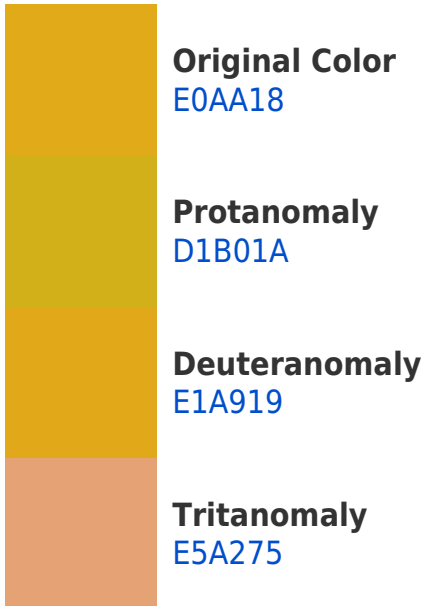
Protanopia
C9B31B

Deuteranopia
E2A919



Tritanopia
E89EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E0AA18 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 #E0AA18 looks like.

```
.text, #text, p{  
    color:#E0AA18  
}
```

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 #E0AA18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0AA18
}
```

Border

The CSS property to change the border of an element to Hex E0AA18 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
#E0AA18 }
```

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

```
.border{ border-color:#E0AA18 }
```

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

Here you see how a box with a 4 pixel #E0AA18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0AA18; -webkit-box-shadow:4px 4px  
4px 4px #E0AA18; box-shadow:4px 4px 4px  
4px #E0AA18 }
```

Background

The CSS property to change the background color of an element to Hex E0AA18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0AA18 }
```

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

```
.background{ background-color:#E0AA18 }
```

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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