

Converting Colors

Hex(ECAA11)

Have a look what the booklet for
Hex(ECAA11) contains.

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Color

Hex(ECAA11)

Conversions

Conversions Part 1

Format	Color
Hex	ECAA11
RGB	236, 170, 17
RGB Percent	93%, 67%, 7%
CMY	0.0745, 0.3333, 0.9333
CMYK	0.00, 0.28, 0.93, 0.07
HSL	42°, 87%, 50%
HSV	42°, 93%, 93%
XYZ	49.0680, 46.6228, 6.9432
YIQ	172.2920, 88.4490, -33.5910

Conversions

Conversions Part 2

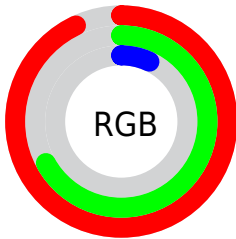
Format	Color
RYB	111, 236, 17
Decimal	15510033
CIELab	73.95, 13.40, 75.18
CIELCh	74, 76.364, 79.896
Yxy	46.6228, 0.4781, 0.4543
Android (android.graphics.Color)	4293700113 (0xFFECAA11)
YUV	172.2920, -76.5590, 55.8719
Hunter-Lab	68.2809, 8.7820, 41.7676

Details

The Hex color **ECAA11** 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 **1153EC**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFE155**, and **AF7600** is the 20% darker color. If you saturate the color by 10%, you get **ECA500**, and if you desaturate by 10%, it is **ECB129**.

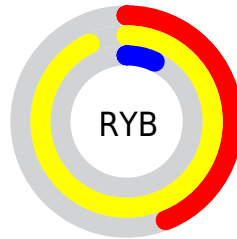
Distribution



Red (93%)

Green (67%)

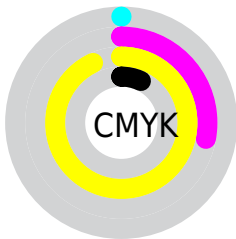
Blue (7%)



Red (44%)

Yellow (93%)

Blue (7%)

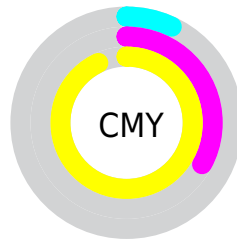


Cyan (0%)

Magenta (28%)

Yellow (93%)

Black (7%)



Cyan (7%)

Magenta (33%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color ECAA11 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 ECAA11 by changing the saturation by 10% instead.

 ECAA11

 ECAA11


FFFFFF

 CD9000

 FFE155

 AF7600

 FFFE71

 915E00

 FFFF8D

 734600

 FFFFAA

 573000

 FFFFC6

 3C1B00

 FFFF E4

 240300

 000000

 ECAA11

 ECAA11

■ ECA500

■ ECB129

■ ECB840

■ ECBF58

■ ECC66F

■ ECCE87

■ ECD59F

■ ECDCB6

■ ECE3CE

■ ECEAE5

Harmonies

Analogous

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



FF8D4B



ECAA11



ACC016

Triad

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



ECAA11



00D6E4



F38EFF

Complementary

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



ECAA11



1153EC

Split Complementary

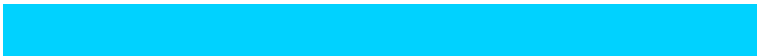
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85ADFF



ECAA11



00D2FF

Square

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



ECAA11



00D59B



00C5FF



FF73D1

Rectangle

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



ECAA11



76CA40



00C5FF



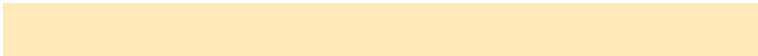
D698FF

Sweetspot

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



ECAA11



FFE9B8



EC1156



807254



000000



808080

Same Dimension

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



ECAA11



FFB200



C4EC11



75726A



B57E00



362500

Inverse Universe

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



1153EC



004DFF



3911EC



6A6D75



0037B5



001036

Previews

White Background



This preview shows how the Hex color ECAA11 looks on a white background.

Color Contrast Check

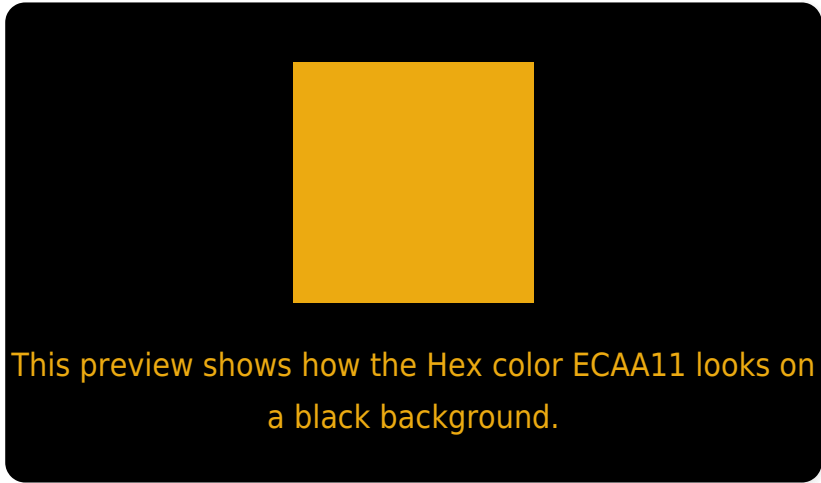
Large Text (above 18pt) WCAG AA × Fail

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 ECAA11 Background



This preview shows how black text looks on a background with the Hex color ECAA11.



This preview shows how white text looks on a background with the Hex color ECAA11.

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
ECAA11

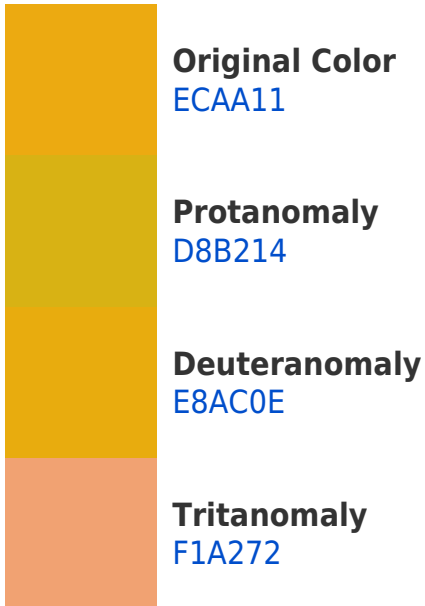
Protanopia
CDB716

Deuteranopia
E6AD0D

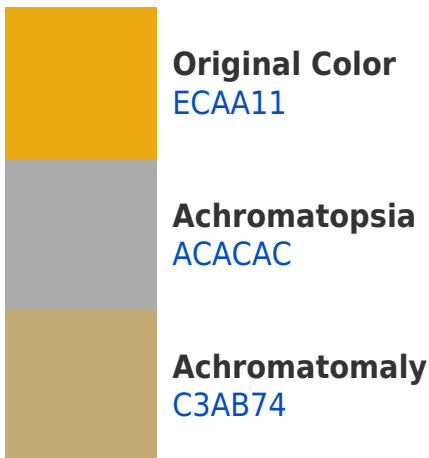


Tritanopia
F49EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ECAA11 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 #ECAA11 looks like.

```
.text, #text, p{  
    color:#ECAA11  
}
```

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 #ECAA11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECAA11
}
```

Border

The CSS property to change the border of an element to Hex ECAA11 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
#ECAA11 }
```

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

```
.border{ border-color:#ECAA11 }
```

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

Here you see how a box with a 4 pixel #ECAA11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECAA11; -webkit-box-shadow:4px 4px  
4px 4px #ECAA11; box-shadow:4px 4px 4px  
4px #ECAA11 }
```

Background

The CSS property to change the background color of an element to Hex ECAA11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECAA11 }
```

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

```
.background{ background-color:#ECAA11 }
```

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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