

Converting Colors

Hex(ECAB00)

Have a look what the booklet for
Hex(ECAB00) contains.

Hex(ECAB00)	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(ECAB00)

Conversions

Conversions Part 1

Format	Color
Hex	ECAB00
RGB	236, 171, 0
RGB Percent	93%, 67%, 0%
CMY	0.0745, 0.3294, 1.0000
CMYK	0.00, 0.28, 1.00, 0.07
HSL	43°, 100%, 46%
HSV	43°, 100%, 93%
XYZ	49.1550, 46.9587, 6.4732
YIQ	170.9410, 93.6310, -39.4010

Conversions

Conversions Part 2

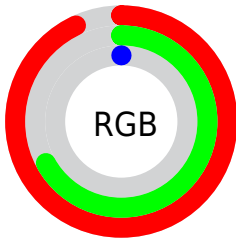
Format	Color
R _Y B	90, 236, 0
Decimal	15510272
CIE Lab	74.16, 12.71, 77.40
CIE LCh	74, 78.432, 80.677
Yxy	46.9587, 0.4792, 0.4577
Android (android.graphics.Color)	4293700352 (0xFFECAB00)
YUV	170.9410, -84.2739, 57.0567
Hunter-Lab	68.5264, 8.1194, 42.3678

Details

The Hex color **ECAB00** 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 **0041EC**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFE250**, and **AE7700** is the 20% darker color. If you saturate the color by 10%, you get **ECAB00**, and if you desaturate by 10%, it is **ECB118**.

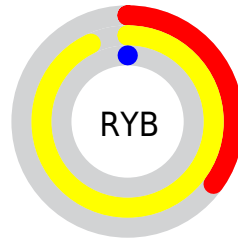
Distribution



Red (93%)

Green (67%)

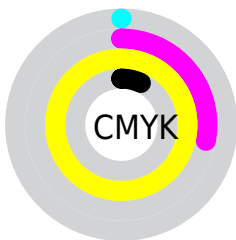
Blue (0%)



Red (35%)

Yellow (93%)

Blue (0%)

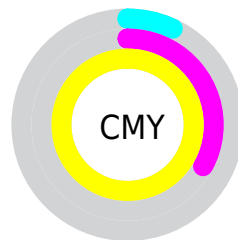


Cyan (0%)

Magenta (28%)

Yellow (100%)

Black (7%)



Cyan (7%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color ECAB00 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 ECAB00 by changing the saturation by 10% instead.

 ECAB00

 ECAB00


FFFFFF

 CD9100

 FFE250

 AE7700

 FFFF6C

 915F00

 FFFF89

 734700

 FFFFA5

 573100

 FFFFC2

 3C1C00

 FFFFDF

 230500

 FFFFFD

 000000

 ECAB00

 ECB118

 ECB82F

 ECBE47

 ECC55E

 ECCB76

 ECD28E

 ECD9A5

 ECDFBD

 ECE5D4

Harmonies

Analogous

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



FF8D47



ECAB00



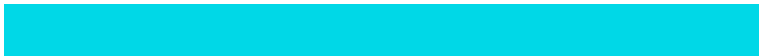
A9C20C

Triad

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



ECAB00



00D8E7



F78CFF

Complementary

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



ECAB00



0041EC

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.



87ADFF



ECAB00



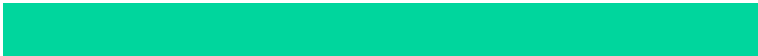
00D3FF

Square

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



ECAB00



00D69D



00C5FF



FF70D0

Rectangle

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



ECAB00



71CC3E



00C5FF



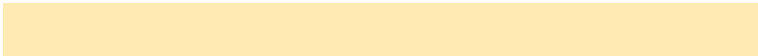
DA97FF

Sweetspot

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



ECAB00



FFEAB3



EC0043



807352



000000



808080

Same Dimension

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



ECAB00



FFB900



B9EC00



75726A



B58300



362700

Inverse Universe

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



0041EC



0046FF



3300EC



6A6D75



0032B5



000F36

Previews

White Background



This preview shows how the Hex color ECAB00 looks on a white background.

Color Contrast Check

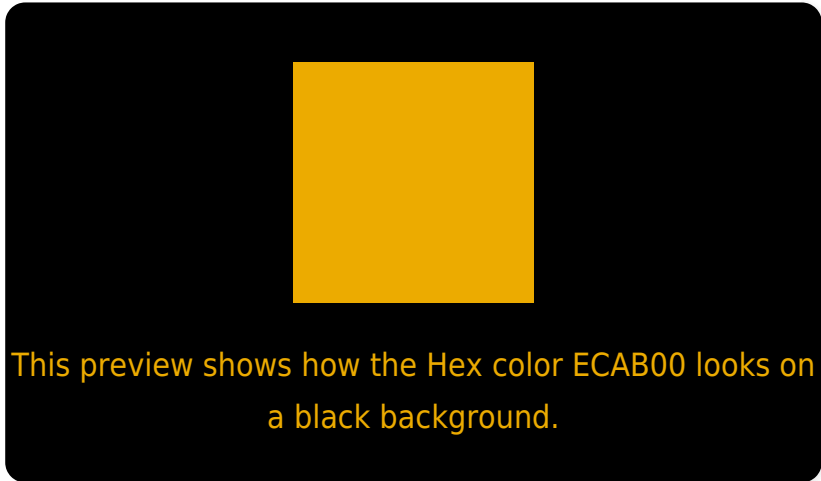
Large Text (above 18pt) WCAG AA × Fail

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 ECAB00 Background



This preview shows how black text looks on a background with the Hex color ECAB00.



This preview shows how white text looks on a background with the Hex color ECAB00.

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](#).

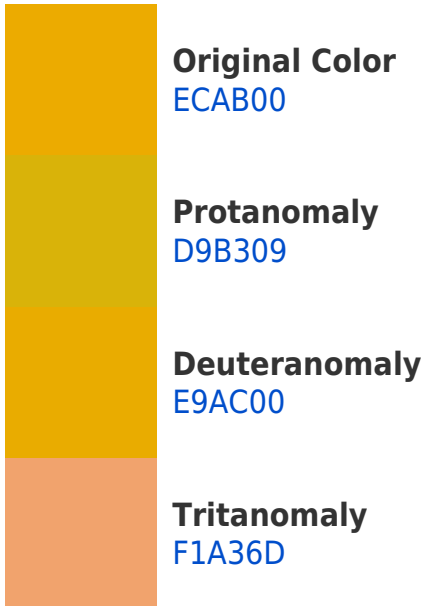
Dichromacy





Tritanopia
F49FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ECAB00 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 #ECAB00 looks like.

```
.text, #text, p{  
    color:#ECAB00  
}
```

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 #ECAB00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECAB00  
}
```

Border

The CSS property to change the border of an element to Hex ECAB00 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  
#ECAB00 }
```

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

```
.border{ border-color:#ECAB00 }
```

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

Here you see how a box with a 4 pixel #ECAB00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECAB00; -webkit-box-shadow:4px 4px  
4px 4px #ECAB00; box-shadow:4px 4px 4px  
4px #ECAB00 }
```

Background

The CSS property to change the background color of an element to Hex ECAB00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECAB00 }
```

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

```
.background{ background-color:#ECAB00 }
```

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