

Converting Colors

Hex(ECB500)

Have a look what the booklet for
Hex(ECB500) contains.

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Color

Hex(ECB500)

Conversions

Conversions Part 1

Format	Color
Hex	ECB500
RGB	236, 181, 0
RGB Percent	93%, 71%, 0%
CMY	0.0745, 0.2902, 1.0000
CMYK	0.00, 0.23, 1.00, 0.07
HSL	46°, 100%, 46%
HSV	46°, 100%, 93%
XYZ	51.1159, 50.8806, 7.1268
YIQ	176.8110, 90.8810, -44.6310

Conversions

Conversions Part 2

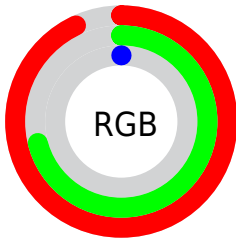
Format	Color
R _Y B	72, 236, 0
Decimal	15512832
CIE Lab	76.61, 7.44, 79.07
CIE LCh	77, 79.415, 84.623
Yxy	50.8806, 0.4684, 0.4663
Android (android.graphics.Color)	4293702912 (0xFFECB500)
YUV	176.8110, -87.1678, 51.9088
Hunter-Lab	71.3306, 3.0855, 44.0076

Details

The Hex color **ECB500** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **0037EC**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFEC52**, and **AF8100** is the 20% darker color. If you saturate the color by 10%, you get **ECB500**, and if you desaturate by 10%, it is **ECBA18**.

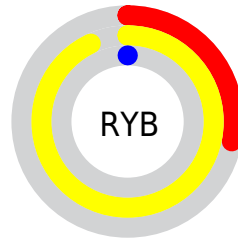
Distribution



Red (93%)

Green (71%)

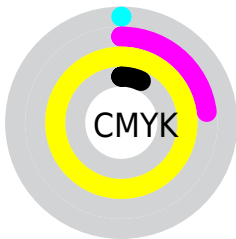
Blue (0%)



Red (28%)

Yellow (93%)

Blue (0%)

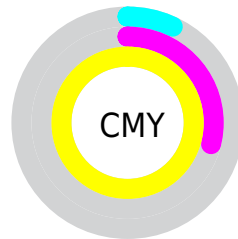


Cyan (0%)

Magenta (23%)

Yellow (100%)

Black (7%)



Cyan (7%)

Magenta (29%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color ECB500 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 ECB500 by changing the saturation by 10% instead.

 ECB500

 ECB500

FFFFFF

 CD9A00

 FFEC52

 AF8100

 FFFF6F

 916800

 FFFF8B

 745000

 FFFFA8

 573900

 FFFFC5

 3C2400

 FFFFEE

 231000

 000000

 ECB500

 ECBA18

 ECC02F

 ECC547

 ECCB5E

 ECD076

 ECD68E

 ECDBA5

 ECE1BD

 ECE6D4

Harmonies

Analogous

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



FF9743



ECB500



A6CB1E

Triad

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



ECB500



00DFF8



FF8DFF

Complementary

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



ECB500



0037EC

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.



A2AFFF



ECB500



00D9FF

Square

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



ECB500



00DEAD



00CAFF



FF74CE

Rectangle

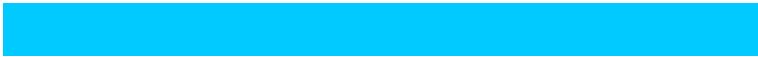
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ECB500



69D54B



00CAFF



EE99FF

Sweetspot

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



ECB500



FFEDB3



EC0037



807552



000000



808080

Same Dimension

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



ECB500



FFC400



ADEC00



75736A



B58B00



362900

Inverse Universe

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



0037EC



003BFF



3F00EC



6A6C75



002AB5



000C36

Previews

White Background



This preview shows how the Hex color ECB500 looks on a white background.

Color Contrast Check

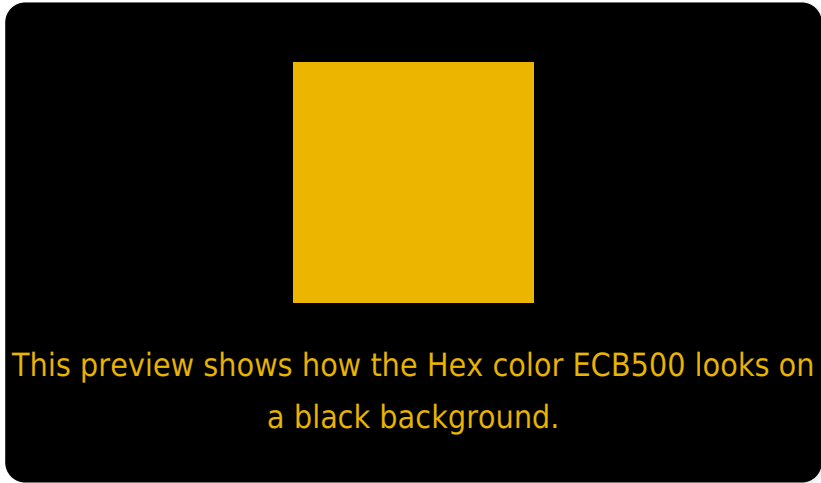
Large Text (above 18pt) WCAG AA × Fail

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 ECB500 Background



This preview shows how black text looks on a background with the Hex color ECB500.



This preview shows how white text looks on a background with the Hex color ECB500.

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](#).

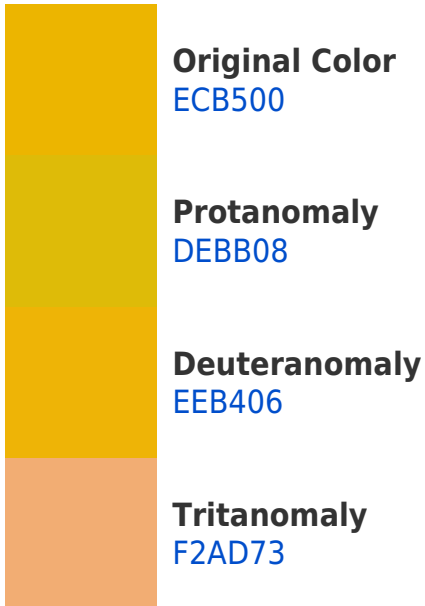
Dichromacy





Tritanopia
F5A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ECB500 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 #ECB500 looks like.

```
.text, #text, p{  
    color:#ECB500  
}
```

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 #ECB500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECB500
}
```

Border

The CSS property to change the border of an element to Hex ECB500 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
#ECB500 }
```

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

```
.border{ border-color:#ECB500 }
```

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

Here you see how a box with a 4 pixel #ECB500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECB500; -webkit-box-shadow:4px 4px  
4px 4px #ECB500; box-shadow:4px 4px 4px  
4px #ECB500 }
```

Background

The CSS property to change the background color of an element to Hex ECB500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECB500 }
```

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

```
.background{ background-color:#ECB500 }
```

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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