

# Converting Colors

Hex(ECB608)

Have a look what the booklet for  
Hex(ECB608) contains.

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# **Color**

**Hex(ECB608)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECB608
RGB	236, 182, 8
RGB Percent	93%, 71%, 3%
CMY	0.0745, 0.2863, 0.9686
CMYK	0.00, 0.23, 0.97, 0.07
HSL	46°, 93%, 48%
HSV	46°, 97%, 93%
XYZ	51.3638, 51.3063, 7.4257
YIQ	178.3100, 88.0380, -42.6660

# Conversions

## Conversions Part 2

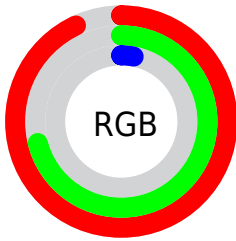
Format	Color
R <sub>Y</sub> B	79, 236, 8
Decimal	15513096
CIE Lab	76.86, 6.99, 78.40
CIE LCh	77, 78.709, 84.907
Yxy	51.3063, 0.4665, 0.4660
Android (android.graphics.Color)	4293703176 (0xFFECB608)
YUV	178.3100, -83.9628, 50.5941
Hunter-Lab	71.6284, 2.6504, 43.9933

# Details

The Hex color **ECB608** 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 **083EEC**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFEE54**, and **AF8200** is the 20% darker color. If you saturate the color by 10%, you get **ECB400**, and if you desaturate by 10%, it is **ECBC20**.

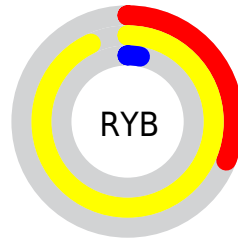
# Distribution



Red (93%)

Green (71%)

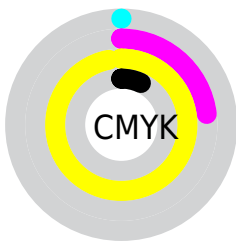
Blue (3%)



Red (31%)

Yellow (93%)

Blue (3%)

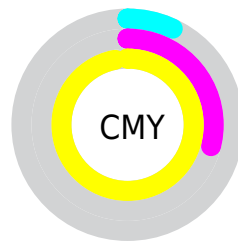


Cyan (0%)

Magenta (23%)

Yellow (97%)

Black (7%)



Cyan (7%)

Magenta (29%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECB608 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 ECB608 by changing the saturation by 10% instead.



 ECB608

 ECB608

FFFFFF

 CD9B00

 FFEE54

 AF8200

 FFFF71

 916900

 FFFF8D

 745100

 FFFFAA

 573A00

 FFFFC7

 3D2500

 FFFF E4

 241100

 000000

 ECB608

 ECB608

■ ECB400

■ ECBC20

■ ECC137

■ ECC74F

■ ECCC66

■ ECD27E

■ ECD896

■ ECDDAD

■ ECE3C5

■ ECE8DC

# Harmonies

## Analogous

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



FF9845



ECB608



A6CC23

# Triad

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



ECB608



00DFF9



FF8EFF

# Complementary

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



ECB608



083EEC

# 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.



A5B0FF



ECB608



00D9FF

# Square

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



ECB608



00DFAE



00CAFF



FF76CD

# Rectangle

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



ECB608



6AD54E



00CAFF



EF9AFF



# Sweetspot

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



ECB608



FFEDB5



EC0841



807553



000000



808080



# Same Dimension

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



ECB608



FFC300



B3EC08



75736A



B58A00



362900



# Inverse Universe

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



083EEC



003CFF



4108EC



6A6C75



002BB5



000D36



# Previews

## White Background



This preview shows how the Hex color ECB608 looks on a white background.

## Color Contrast Check

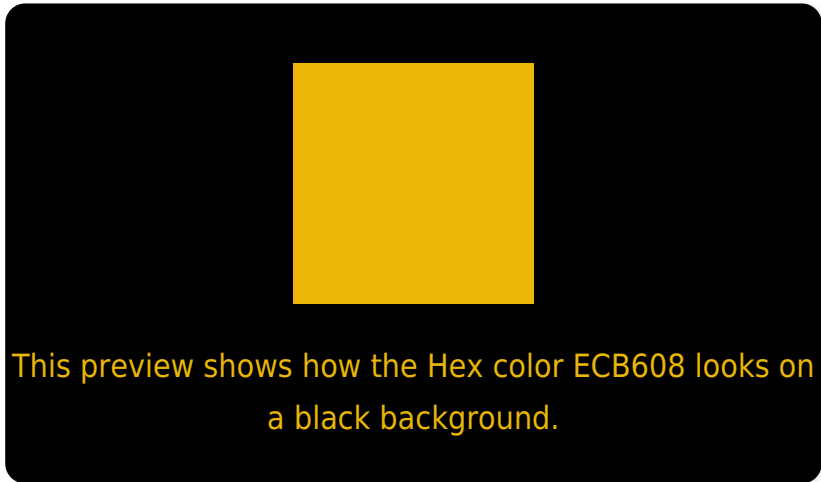
Large Text (above 18pt) WCAG AA × Fail

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 ECB608 Background



This preview shows how black text looks on a background with the Hex color ECB608.

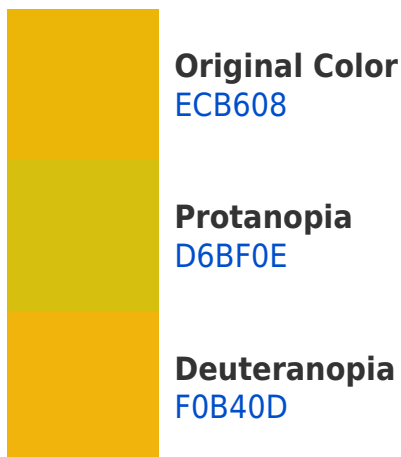


This preview shows how white text looks on a background with the Hex color ECB608.

# 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](#).

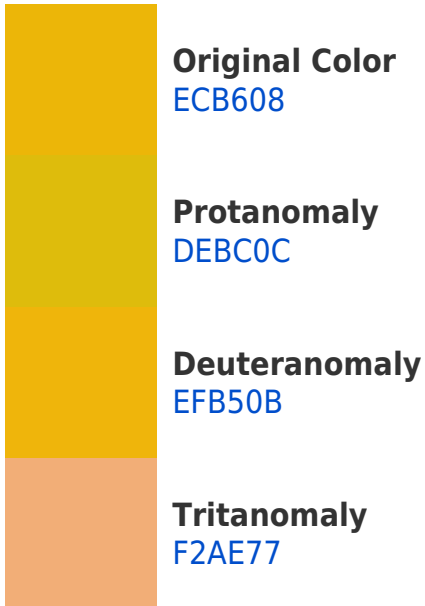
## Dichromacy





**Tritanopia**  
F5A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECB608 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 #ECB608 looks like.

```
.text, #text, p{  
    color:#ECB608  
}
```

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 #ECB608 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECB608
}
```

## Border

The CSS property to change the border of an element to Hex ECB608 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
#ECB608 }
```

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

```
.border{ border-color:#ECB608 }
```

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

Here you see how a box with a 4 pixel #ECB608 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECB608; -webkit-box-shadow:4px 4px  
4px 4px #ECB608; box-shadow:4px 4px 4px  
4px #ECB608 }
```

# Background

The CSS property to change the background color of an element to Hex ECB608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECB608 }
```

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

```
.background{ background-color:#ECB608 }
```

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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