

# Converting Colors

Hex(ECB867)

Have a look what the booklet for  
Hex(ECB867) contains.

<b>Hex(ECB867)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex( ECB867 )**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECB867
RGB	236, 184, 103
RGB Percent	93%, 72%, 40%
CMY	0.0745, 0.2784, 0.5961
CMYK	0.00, 0.22, 0.56, 0.07
HSL	37°, 78%, 66%
HSV	37°, 56%, 93%
XYZ	54.1807, 53.0931, 20.2243
YIQ	190.3140, 56.9930, -14.1670

# Conversions

## Conversions Part 2

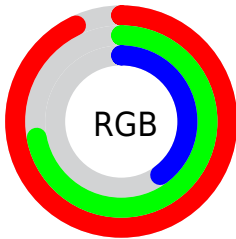
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	188, 236, 103
Decimal	15513703
CIE <sub>Lab</sub>	77.93, 9.71, 47.84
CIE <sub>LCh</sub>	78, 48.810, 78.529
Yxy	53.0931, 0.4250, 0.4164
Android (android.graphics.Color)	4293703783 (0xFFECB867)
YUV	190.3140, -43.0458, 40.0666
Hunter-Lab	72.8650, 5.2147, 34.5491

# Details

The Hex color **ECB867** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **679BEC**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFF09C**, and **B18334** is the 20% darker color. If you saturate the color by 10%, you get **ECAF4F**, and if you desaturate by 10%, it is **ECC17F**.

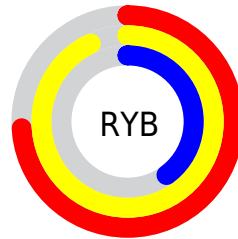
# Distribution



Red (93%)

Green (72%)

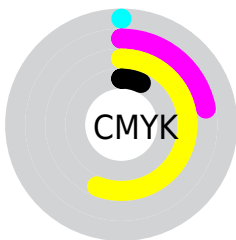
Blue (40%)



Red (74%)

Yellow (93%)

Blue (40%)

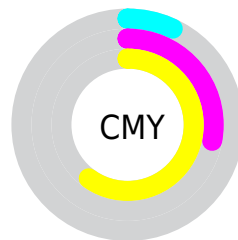


Cyan (0%)

Magenta (22%)

Yellow (56%)

Black (7%)



Cyan (7%)

Magenta (28%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECB867 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 ECB867 by changing the saturation by 10% instead.



 ECB867

 ECB867

FFFFFF

 CE9D4E

 FFF09C

 B18334

 FFFFB7

 946A1A

 FFFF00

 785200

 FFFFF0

 5E3B00

 422600

 291200

 020000

 000000

 ECB867

 ECB867

 ECAF4F

 ECC17F

 ECA638

 ECCA96

 EC9C20

 ECD4AE

 EC9309

 ECDDC5

 EC9000

 ECE6DD

 ECEFF5

 ECF9FF

 ECFFFF

# Harmonies

## Analogous

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



FFA87F



ECB867



C1C768

# Triad

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



ECB867



00D8DC



E8AAFD

# Complementary

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



ECB867



679BEC

# 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.



AABBFF



ECB867



00D4FF

# Square

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



ECB867



49D7AD



4FCAFF



FF9ED4

# Rectangle

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



ECB867



9FCE78



4FCAFF



D6B0FF



# Sweetspot

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



ECB867



FFEED4



EC679C



807666



000000



808080



# Same Dimension

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



ECB867



FFBB52



DFEC67



75716A



B56E00



362100



# Inverse Universe

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



679BEC



5295FF



7467EC



6A6E75



0047B5



001536



# Previews

## White Background



This preview shows how the Hex color ECB867 looks on a white background.

## Color Contrast Check

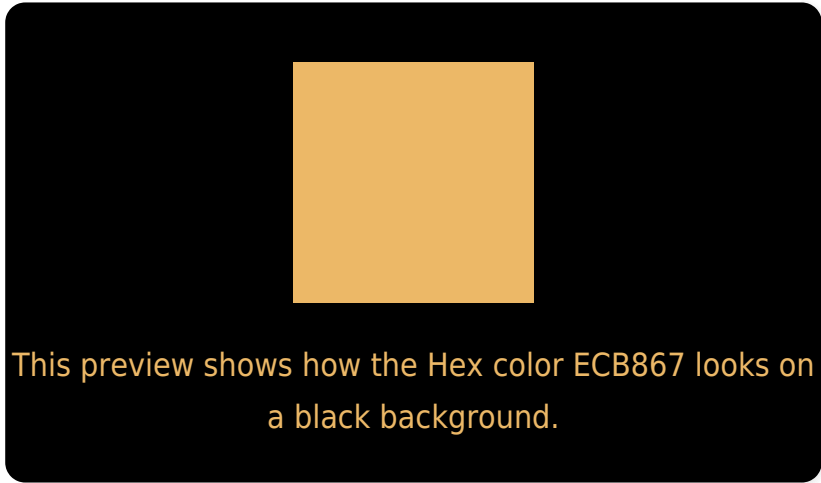
Large Text (above 18pt) WCAG AA × Fail

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 ECB867 Background



This preview shows how black text looks on a background with the Hex color ECB867.

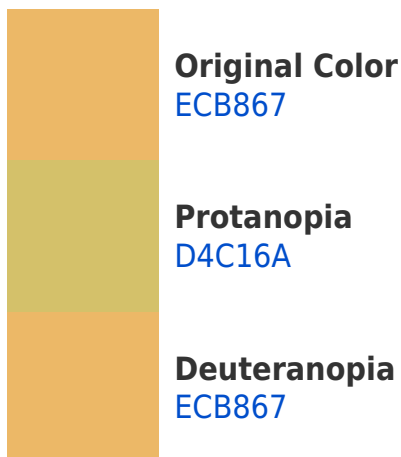


This preview shows how white text looks on a background with the Hex color ECB867.

# Color Blindness Simulation

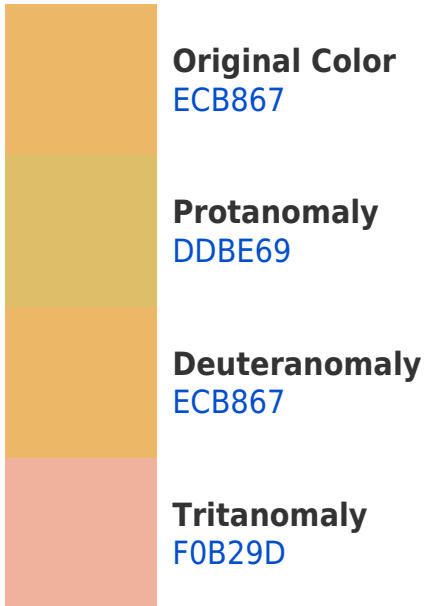
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECB867 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 #ECB867 looks like.

```
.text, #text, p{  
    color:#ECB867  
}
```

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 #ECB867 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECB867
}
```

## Border

The CSS property to change the border of an element to Hex ECB867 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
#ECB867 }
```

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

```
.border{ border-color:#ECB867 }
```

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

Here you see how a box with a 4 pixel #ECB867 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECB867; -webkit-box-shadow:4px 4px  
4px 4px #ECB867; box-shadow:4px 4px 4px  
4px #ECB867 }
```

# Background

The CSS property to change the background color of an element to Hex ECB867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECB867 }
```

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

```
.background{ background-color:#ECB867 }
```

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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