

# Converting Colors

Hex(ECBB78)

Have a look what the booklet for  
Hex(ECBB78) contains.

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# **Color**

**Hex(ECBB78)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECBB78
RGB	236, 187, 120
RGB Percent	93%, 73%, 47%
CMY	0.0745, 0.2667, 0.5294
CMYK	0.00, 0.21, 0.49, 0.07
HSL	35°, 75%, 70%
HSV	35°, 49%, 93%
XYZ	55.7526, 54.7296, 25.3947
YIQ	194.0130, 50.7110, -10.4490

# Conversions

## Conversions Part 2

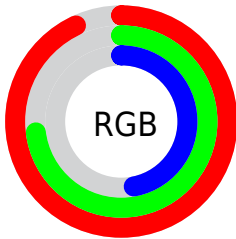
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 236, 120
Decimal	15514488
CIE <sub>Lab</sub>	78.89, 9.56, 40.49
CIE <sub>LCh</sub>	79, 41.599, 76.714
Yxy	54.7296, 0.4103, 0.4028
Android (android.graphics.Color)	4293704568 (0xFFECBB78)
YUV	194.0130, -36.4884, 36.8226
Hunter-Lab	73.9794, 5.0576, 31.4333

# Details

The Hex color **ECBB78** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78A9EC**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFF3AD**, and **B28646** is the 20% darker color. If you saturate the color by 10%, you get **ECB160**, and if you desaturate by 10%, it is **ECC590**.

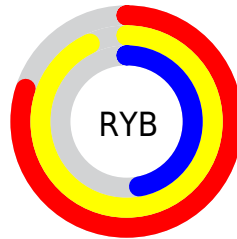
# Distribution



Red (93%)

Green (73%)

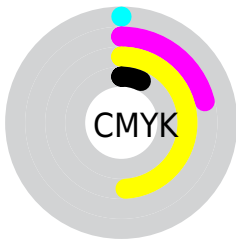
Blue (47%)



Red (80%)

Yellow (93%)

Blue (47%)

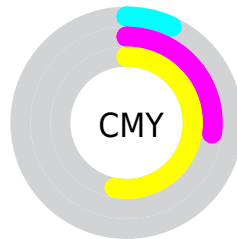


Cyan (0%)

Magenta (21%)

Yellow (49%)

Black (7%)



Cyan (7%)

Magenta (27%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECBB78 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 ECBB78 by changing the saturation by 10% instead.



 ECBB78

 ECBB78

FFFFFF

 CFA05E

 FFF3AD

 B28646

 FFFFC9

 956D2E

 FFFF E5

 7A5415

 5F3D00

 452800

 2B1400

 0C0000

 000000

 ECBB78

 ECBB78

 ECB160

 ECC590

 ECA749

 ECCFA7

 EC9D31

 ECD9BF

 EC931A

 ECE3D6

 EC8902

 ECEDEE

 EC8800

 ECF7FF

 ECFFFF

# Harmonies

## Analogous

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



FFAE8D



ECBB78



C7C878

# Triad

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



ECBB78



31D8D8



E3B1F9

# Complementary

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



ECBB78



78A9EC

# 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.



AEC0FF



ECBB78



28D5FA

# Square

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



ECBB78



6AD7B0



6DCCFF



FFA7D6

# Rectangle

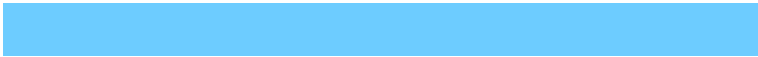
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ECBB78



ABCF84



6DCCFF



D3B6FF

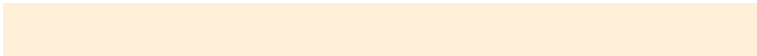


# Sweetspot

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



ECBB78



FFEFD9



EC78AA



807669



000000



808080



# Same Dimension

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



ECBB78



FFBF69



E4EC78



75706A



B56900



361F00

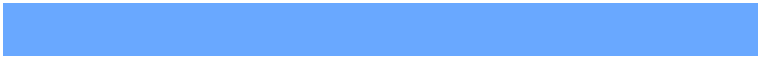


# Inverse Universe

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



78A9EC



69A8FF



8078EC



6A6F75



004CB5



001736



# Previews

## White Background



This preview shows how the Hex color ECBB78 looks on a white background.

## Color Contrast Check

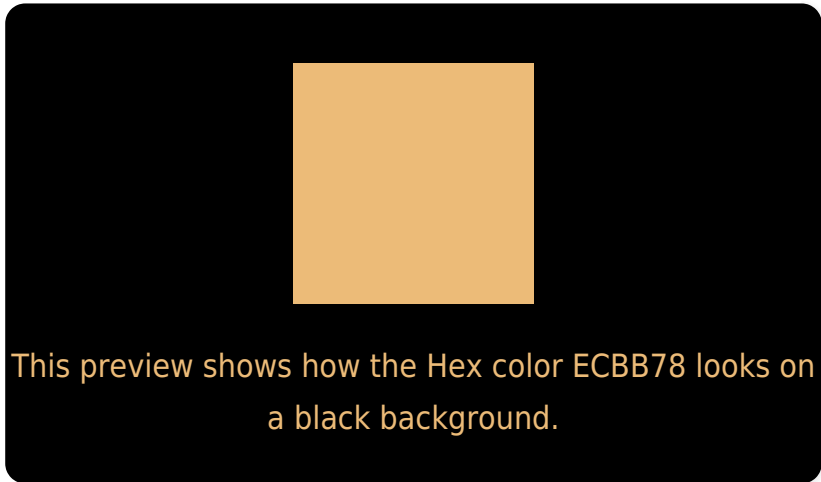
Large Text (above 18pt) WCAG AA × Fail

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 ECBB78 Background



This preview shows how black text looks on a background with the Hex color ECBB78.

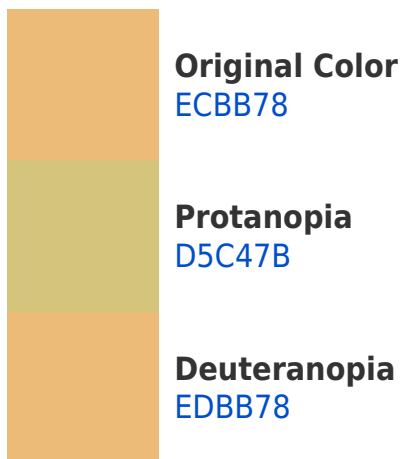


This preview shows how white text looks on a background with the Hex color ECBB78.

# 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](#).

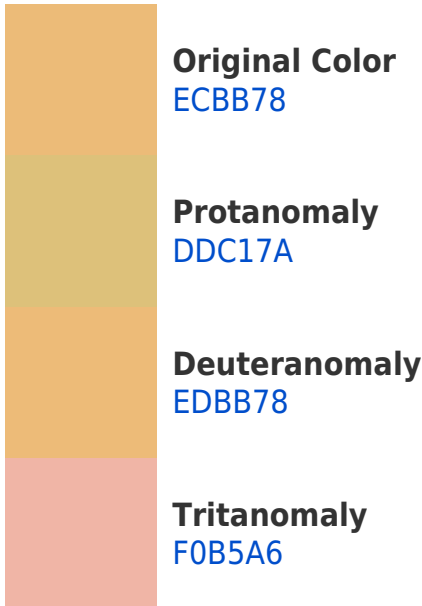
## Dichromacy



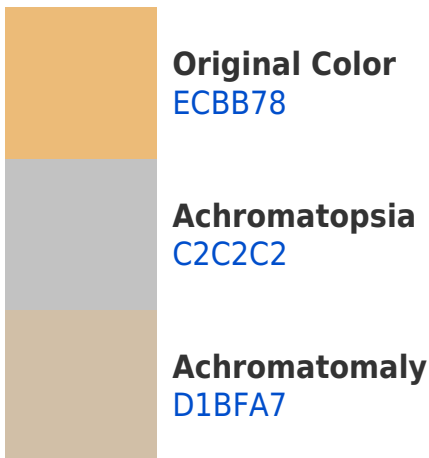


**Tritanopia**  
F3B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECBB78 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 #ECBB78 looks like.

```
.text, #text, p{  
    color:#ECBB78  
}
```

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 #ECBB78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECBB78
}
```

## Border

The CSS property to change the border of an element to Hex ECBB78 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
#ECBB78 }
```

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

```
.border{ border-color:#ECBB78 }
```

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

Here you see how a box with a 4 pixel #ECBB78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECBB78; -webkit-box-shadow:4px 4px  
4px 4px #ECBB78; box-shadow:4px 4px 4px  
4px #ECBB78 }
```

# Background

The CSS property to change the background color of an element to Hex ECBB78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECBB78 }
```

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

```
.background{ background-color:#ECBB78 }
```

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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