

# Converting Colors

Hex(ECBA69)

Have a look what the booklet for  
Hex(ECBA69) contains.

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# **Color**

**Hex(ECBA69)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECBA69
RGB	236, 186, 105
RGB Percent	93%, 73%, 41%
CMY	0.0745, 0.2706, 0.5882
CMYK	0.00, 0.21, 0.56, 0.07
HSL	37°, 78%, 67%
HSV	37°, 56%, 93%
XYZ	54.7008, 53.9706, 20.8989
YIQ	191.7160, 55.8010, -14.5910

# Conversions

## Conversions Part 2

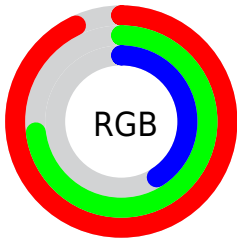
Format	Color
<a href="#">RYB</a>	<a href="#">186, 236, 105</a>
Decimal	<a href="#">15514217</a>
CIELab	<a href="#">78.44, 8.81, 47.47</a>
CIELCh	<a href="#">78, 48.278, 79.485</a>
Yxy	<a href="#">53.9706, 0.4222, 0.4165</a>
Android (android.graphics.Color)	<a href="#">4293704297 (0xFFECBA69)</a>
YUV	<a href="#">191.7160, -42.7510, 38.8371</a>
Hunter-Lab	<a href="#">73.4647, 4.3454, 34.5587</a>

# Details

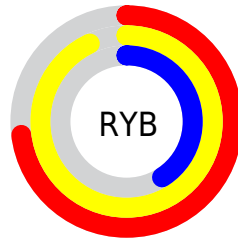
The Hex color **ECBA69** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **699BEC**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFF29E**, and **B18536** is the 20% darker color. If you saturate the color by 10%, you get **ECB151**, and if you desaturate by 10%, it is **ECC381**.

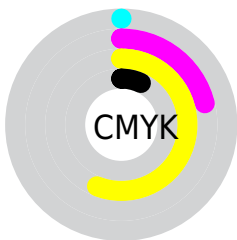
# Distribution



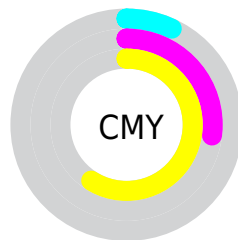
- Red (93%)
- Green (73%)
- Blue (41%)



- Red (73%)
- Yellow (93%)
- Blue (41%)



- Cyan (0%)
- Magenta (21%)
- Yellow (56%)
- Black (7%)



- Cyan (7%)
- Magenta (27%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECBA69 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 ECBA69 by changing the saturation by 10% instead.



 ECBA69

 ECBA69

FFFFFF

 CE9F4F

 FFF29E

 B18536

 FFFFB9

 956C1D

 FFFF D6

 795400

 FFFFF2

 5E3D00

 432700

 291300

 050000

 000000

 ECBA69

 ECBA69

 ECB151

 ECC381

 ECA83A

 ECCC98

 EC9F22

 ECD5B0

 EC960B

 ECDEC7

 EC9200

 ECE7DF

 ECF0F7

 ECF9FF

 ECFFFF

# Harmonies

## Analogous

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



FFAA80



ECBA69



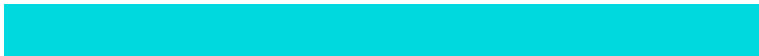
C1C96B

# Triad

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



ECBA69



00D9DE



EBABFD

# Complementary

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



ECBA69



699BEC

# 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.



AEBCFF



ECBA69



00D5FF

# Square

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



ECBA69



4AD9B0



57CBFF



FF9FD4

# Rectangle

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



ECBA69



A0D07B



57CBFF



D9B1FF



# Sweetspot

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



ECBA69



FFEED4



EC699B



807666



000000



808080



# Same Dimension

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



ECBA69



FFBE54



DDEC69



75716A



B57000



362100

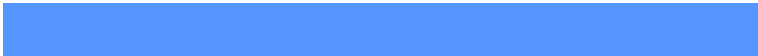


# Inverse Universe

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



699BEC



5495FF



7869EC



6A6E75



0045B5



001436



# Previews

## White Background



This preview shows how the Hex color ECBA69 looks on a white background.

## Color Contrast Check

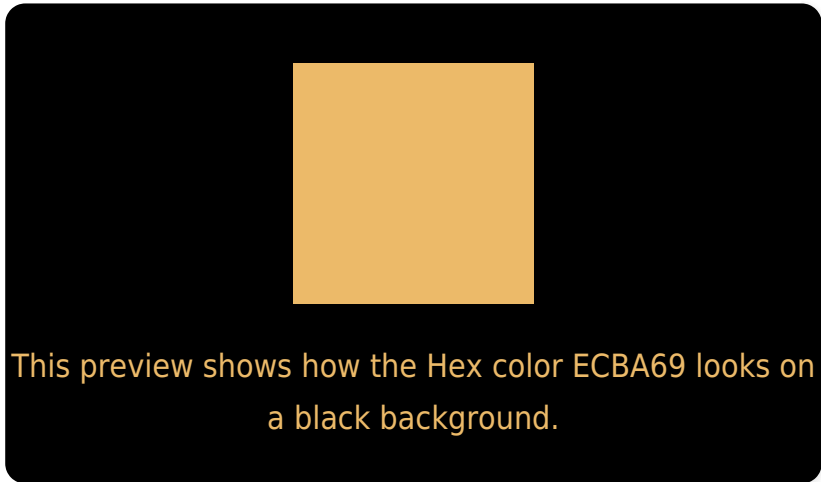
Large Text (above 18pt) WCAG AA × Fail

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 ECBA69 Background



This preview shows how black text looks on a background with the Hex color ECBA69.

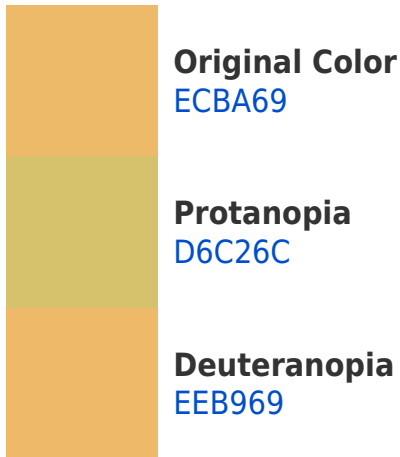



This preview shows how white text looks on a background with the Hex color ECBA69.

# 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](#).

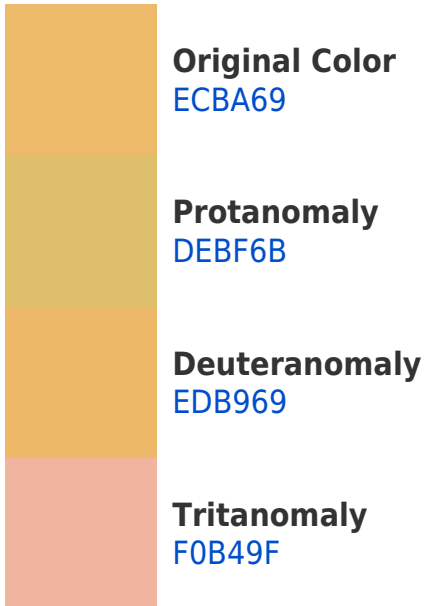
## Dichromacy





**Tritanopia**  
F3B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECBA69 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 #ECBA69 looks like.

```
.text, #text, p{  
    color:#ECBA69  
}
```

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 #ECBA69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECBA69
}
```

## Border

The CSS property to change the border of an element to Hex ECBA69 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
#ECBA69 }
```

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

```
.border{ border-color:#ECBA69 }
```

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

Here you see how a box with a 4 pixel #ECBA69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECBA69; -webkit-box-shadow:4px 4px  
4px 4px #ECBA69; box-shadow:4px 4px 4px  
4px #ECBA69 }
```

# Background

The CSS property to change the background color of an element to Hex ECBA69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECBA69 }
```

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

```
.background{ background-color:#ECBA69 }
```

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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