

# Converting Colors

Hex(ECD7B0)

Have a look what the booklet for  
Hex(ECD7B0) contains.

<b>Hex(ECD7B0)</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(ECD7B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECD7B0
RGB	236, 215, 176
RGB Percent	93%, 84%, 69%
CMY	0.0745, 0.1569, 0.3098
CMYK	0.00, 0.09, 0.25, 0.07
HSL	39°, 61%, 81%
HSV	39°, 25%, 93%
XYZ	66.7290, 69.5683, 50.9853
YIQ	216.8330, 25.0350, -7.6770

# Conversions

## Conversions Part 2

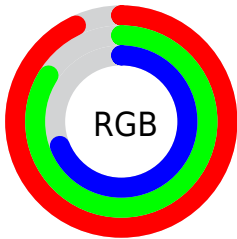
Format	Color
R <sub>Y</sub> B	208, 236, 176
Decimal	15521712
CIE Lab	86.78, 1.35, 21.91
CIE LCh	87, 21.949, 86.473
Yxy	69.5683, 0.3563, 0.3715
Android (android.graphics.Color)	4293711792 (0xFFECD7B0)
YUV	216.8330, -20.1307, 16.8095
Hunter-Lab	83.4076, -3.1572, 22.1426

# Details

The Hex color **ECD7B0** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B0C5EC**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFE8**, and **B4A07B** is the 20% darker color. If you saturate the color by 10%, you get **ECCF98**, and if you desaturate by 10%, it is **ECDFC8**.

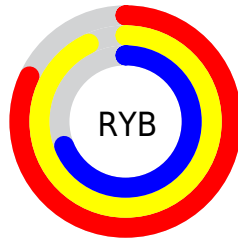
# Distribution



Red (93%)

Green (84%)

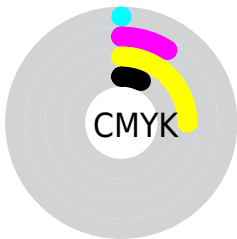
Blue (69%)



Red (82%)

Yellow (93%)

Blue (69%)

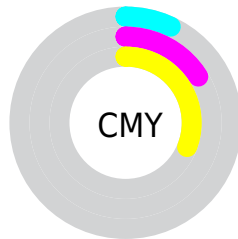


Cyan (0%)

Magenta (9%)

Yellow (25%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECD7B0 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 ECD7B0 by changing the saturation by 10% instead.



 ECD7B0

 ECD7B0

FFFFFF

 CFBB95

 FFFFE8

 B4A07B

 988662

 7E6D4A

 645533

 4C3E1D

 342806

 1E1400

 000000

 ECD7B0

 ECD7B0

 ECCF98

 ECDFC8

 ECC681

 ECE8DF

 ECBE69

 ECF0F7

 ECB652

 ECF8FF

 ECAE3A

 ECFFFF

 ECA522

 EC9D0B

 EC9900

# Harmonies

## Analogous

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



FDD0B7



ECD7B0



D6DEB4

# Triad

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



ECD7B0



A1E5EB



F2CEF1

# Complementary

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



ECD7B0



B0C5EC

# 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.



DAD5FE



ECD7B0



A9E2FB

# Square

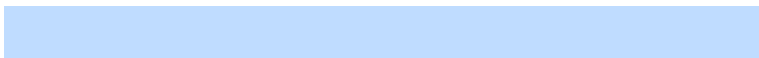
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



ECD7B0



AAE5D6



BFDCFF



FFCBDD

# Rectangle

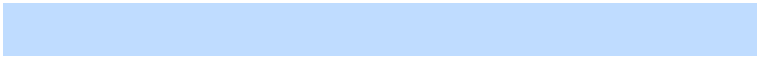
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ECD7B0



C6E1BC



BFDCFF



EBD0F6



# Sweetspot

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



ECD7B0



FFF8EB



ECB0C5



807B73



000000



808080



# Same Dimension

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



ECD7B0



FFE3B0



E3ECB0



75716A



B57600



362300



# Inverse Universe

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



B0C5EC



B0CCFF



B9B0EC



6A6E75



003FB5



001336



# Previews

## White Background



This preview shows how the Hex color ECD7B0 looks on a white background.

## Color Contrast Check

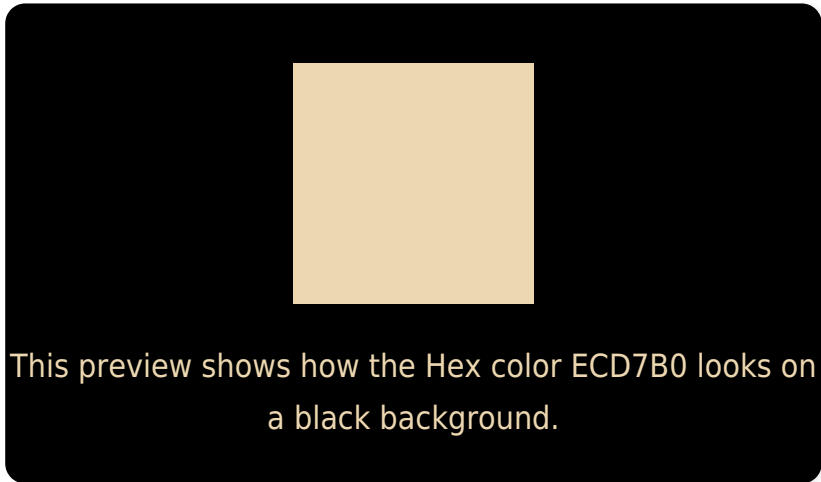
Large Text (above 18pt) WCAG AA × Fail

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

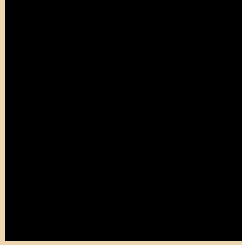
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ECD7B0 Background



This preview shows how black text looks on a background with the Hex color ECD7B0.

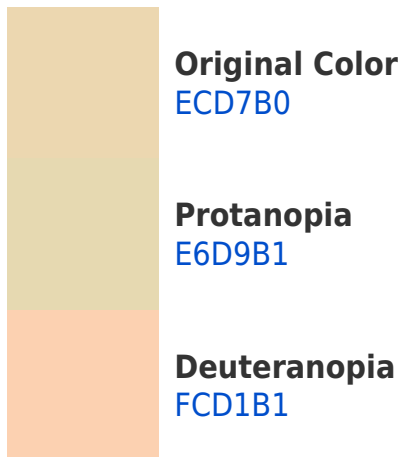


This preview shows how white text looks on a background with the Hex color ECD7B0.

# 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](#).

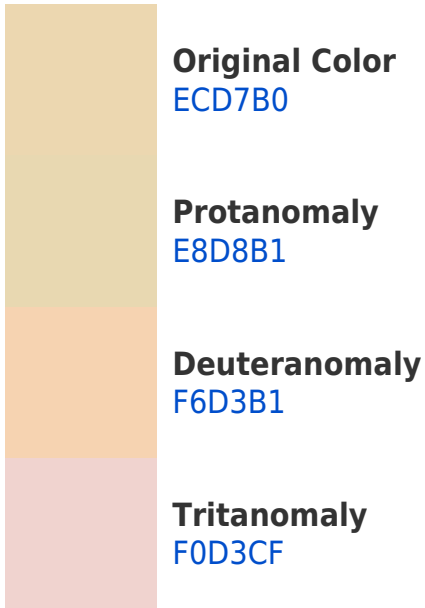
## Dichromacy



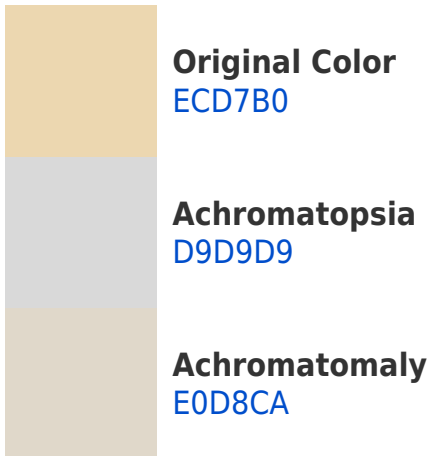


**Tritanopia**  
F2D0E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECD7B0 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 #ECD7B0 looks like.

```
.text, #text, p{  
    color:#ECD7B0  
}
```

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 #ECD7B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECD7B0  
}
```

## Border

The CSS property to change the border of an element to Hex ECD7B0 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  
#ECD7B0 }
```

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

```
.border{ border-color:#ECD7B0 }
```

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

Here you see how a box with a 4 pixel #ECD7B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECD7B0; -webkit-box-shadow:4px 4px  
4px 4px #ECD7B0; box-shadow:4px 4px 4px  
4px #ECD7B0 }
```

# Background

The CSS property to change the background color of an element to Hex ECD7B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECD7B0 }
```

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

```
.background{ background-color:#ECD7B0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor