

# Converting Colors

Hex(E0BB7B)

Have a look what the booklet for  
Hex(E0BB7B) contains.

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# **Color**

**Hex(E0BB7B)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | E0BB7B                      |
| RGB         | 224, 187, 123               |
| RGB Percent | 88%, 73%, 48%               |
| CMY         | 0.1216, 0.2667, 0.5176      |
| CMYK        | 0.00, 0.17, 0.45, 0.12      |
| HSL         | 38°, 62%, 68%               |
| HSV         | 38°, 45%, 88%               |
| XYZ         | 52.0859, 52.8180, 26.1886   |
| YIQ         | 190.7670, 42.5960, -12.0600 |

# Conversions

## Conversions Part 2

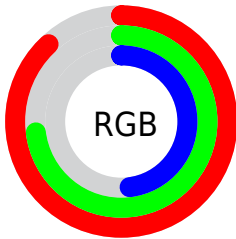
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 181, 224, 123                  |
| Decimal                             | 14728059                       |
| CIELab                              | 77.77, 4.99, 37.29             |
| CIELCh                              | 78, 37.622, 82.372             |
| Yxy                                 | 52.8180, 0.3973,<br>0.4029     |
| Android<br>(android.graphics.Color) | 4292918139<br>(0xFFE0BB7B)     |
| YUV                                 | 190.7670, -33.4091,<br>29.1453 |
| Hunter-Lab                          | 72.6760, 0.7456,<br>29.5082    |

# Details

The Hex color **E0BB7B** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **7BA0E0**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFF3B0**, and **A78649** is the 20% darker color. If you saturate the color by 10%, you get **E0B365**, and if you desaturate by 10%, it is **E0C391**.

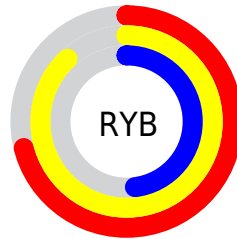
# Distribution



Red (88%)

Green (73%)

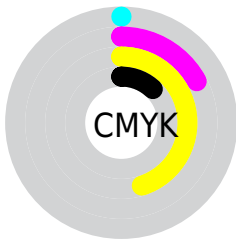
Blue (48%)



Red (71%)

Yellow (88%)

Blue (48%)

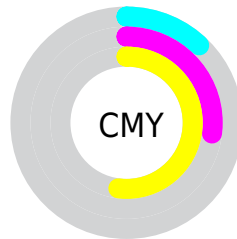


Cyan (0%)

Magenta (17%)

Yellow (45%)

Black (12%)



Cyan (12%)

Magenta (27%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0BB7B 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 E0BB7B by changing the saturation by 10% instead.



 E0BB7B

 E0BB7B

FFFFFF

 C3A062

 FFF3B0

 A78649

 FFFFCC

 8B6D31

 FFFFEE

 705519

 563E00

 3D2800

 241400

 000000

 E0BB7B

 E0BB7B

 E0B365

 E0C391

 E0AB4E

 E0CBA8

 E0A238

 E0D4BE

 E09A21

 E0DCD5

 E0920B

 E0E4EB

 E08E00

 E0ECFF

 E0F4FF

 E0FDFD

 E0FFFF

# Harmonies

## Analogous

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



FAAF8A



E0BB7B



BDC67F

# Triad

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



E0BB7B



45D3DA



E4AEEB

# Complementary

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



E0BB7B



7BA0E0

# 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.



B8BAFF



E0BB7B



4ECFF6

# Square

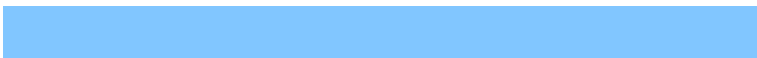
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E0BB7B



6AD3B6



81C6FF



FEA6CB

# Rectangle

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



E0BB7B



A3CC8C



81C6FF



D7B2F4



# Sweetspot

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



E0BB7B



FFF2DB



E07BA0



80786A



000000



808080



# Same Dimension

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



E0BB7B



FFCD75



D3E07B



706C65



B06F00



301F00

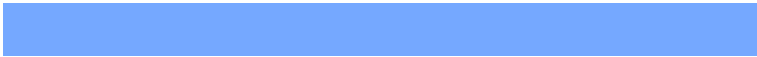


# Inverse Universe

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



7BA0E0



75A8FF



887BE0



656970



0040B0



001230



# Previews

## White Background



This preview shows how the Hex color E0BB7B looks on a white background.

## Color Contrast Check

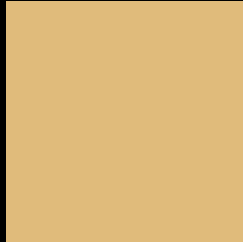
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color E0BB7B looks on a 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 E0BB7B Background



This preview shows how black text looks on a background with the Hex color E0BB7B.



This preview shows how white text looks on a background with the Hex color E0BB7B.

# 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](#).

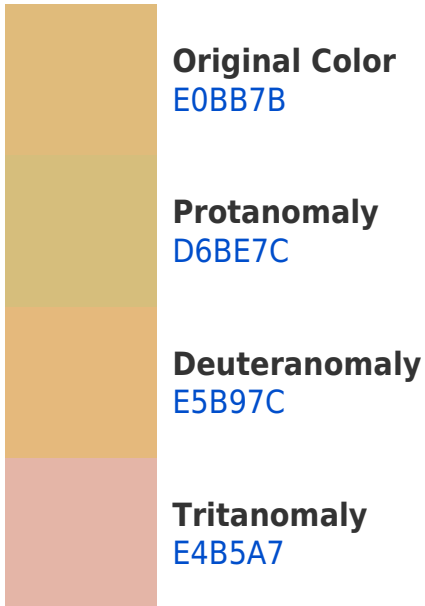
## Dichromacy





**Tritanopia**  
E7B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0BB7B 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 #E0BB7B looks like.

```
.text, #text, p{  
    color:#E0BB7B  
}
```

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 #E0BB7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0BB7B  
}
```

## Border

The CSS property to change the border of an element to Hex E0BB7B 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  
#E0BB7B }
```

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

```
.border{ border-color:#E0BB7B }
```

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

Here you see how a box with a 4 pixel #E0BB7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0BB7B; -webkit-box-shadow:4px 4px  
4px 4px #E0BB7B; box-shadow:4px 4px 4px  
4px #E0BB7B }
```

# Background

The CSS property to change the background color of an element to Hex E0BB7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0BB7B }
```

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

```
.background{ background-color:#E0BB7B }
```

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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