

# Converting Colors

Hex(E0BD80)

Have a look what the booklet for  
Hex(E0BD80) contains.

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# **Color**

**Hex(E0BD80)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0BD80
RGB	224, 189, 128
RGB Percent	88%, 74%, 50%
CMY	0.1216, 0.2588, 0.4980
CMYK	0.00, 0.16, 0.43, 0.12
HSL	38°, 61%, 69%
HSV	38°, 43%, 88%
XYZ	52.8343, 53.8010, 28.0220
YIQ	192.5110, 40.4410, -11.5510

# Conversions

## Conversions Part 2

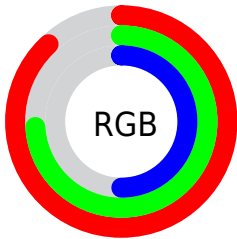
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 224, 128
Decimal	14728576
CIE <sub>Lab</sub>	78.35, 4.45, 35.45
CIE <sub>LCh</sub>	78, 35.727, 82.841
Yxy	53.8010, 0.3924, 0.3995
Android (android.graphics.Color)	4292918656 (0xFFE0BD80)
YUV	192.5110, -31.8039, 27.6159
Hunter-Lab	73.3492, 0.2148, 28.6935

# Details

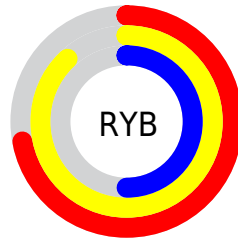
The Hex color **E0BD80** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80A3E0**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFF5B6**, and **A7884E** is the 20% darker color. If you saturate the color by 10%, you get **E0B56A**, and if you desaturate by 10%, it is **E0C596**.

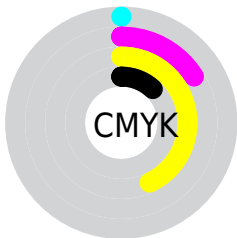
# Distribution



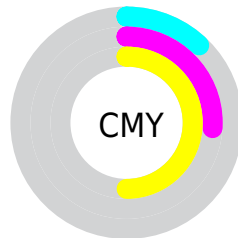
- Red (88%)
- Green (74%)
- Blue (50%)



- Red (72%)
- Yellow (88%)
- Blue (50%)



- Cyan (0%)
- Magenta (16%)
- Yellow (43%)
- Black (12%)



- Cyan (12%)
- Magenta (26%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0BD80 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 E0BD80 by changing the saturation by 10% instead.



 E0BD80

 E0BD80

FFFFFF

 C3A266


 FFF5B6

 A7884E

 FFFFD1

 8B6F36

 FFFFEE

 71561E

 563F06

 3E2900

 241500

 000000

 E0BD80

 E0BD80

 E0B56A

 E0C596

 E0AD53

 E0CDAD

 E0A53D

 E0D6C3

 E09C26

 E0DEDA

 E09410

 E0E6F0

 E08E00

 E0EEFF

 E0F6FF

 E0FEFF

 E0FFFF

# Harmonies

## Analogous

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



F9B28E



E0BD80



BFC884

# Triad

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



E0BD80



53D4DA



E4B1EA

# Complementary

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



E0BD80



80A3E0

# 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.



BBBCFF



E0BD80



5CD0F6

# Square

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



E0BD80



71D3B8



89C7FF



FDA9CB

# Rectangle

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



E0BD80



A5CD90



89C7FF



D8B4F3



# Sweetspot

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



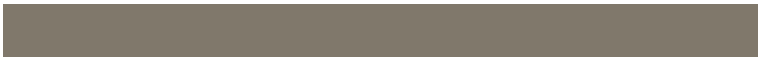
E0BD80



FFF3DE



E080A3



80786B



000000



808080



# Same Dimension

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



E0BD80



FFD07D



D3E080



706C65



B07000



301F00



# Inverse Universe

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



80A3E0



7DACFF



8D80E0



656970



0040B0



001230



# Previews

## White Background



This preview shows how the Hex color E0BD80 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 E0BD80 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

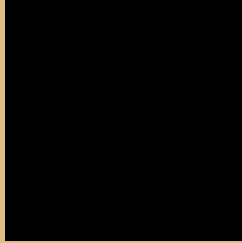
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E0BD80 Background



This preview shows how black text looks on a background with the Hex color E0BD80.



This preview shows how white text looks on a background with the Hex color E0BD80.

# 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](#).

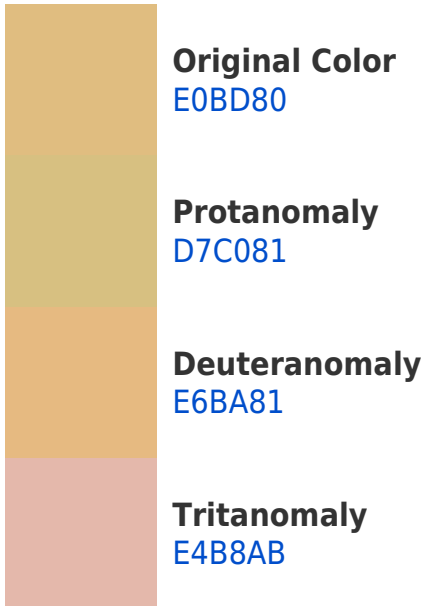
## Dichromacy



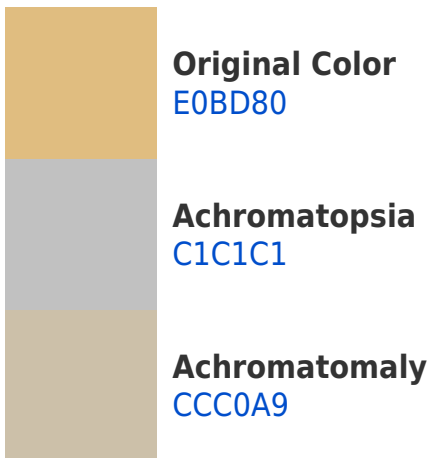


**Tritanopia**  
E7B5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0BD80 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 #E0BD80 looks like.

```
.text, #text, p{  
    color:#E0BD80  
}
```

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 #E0BD80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0BD80
}
```

## Border

The CSS property to change the border of an element to Hex E0BD80 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
#E0BD80 }
```

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

```
.border{ border-color:#E0BD80 }
```

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

Here you see how a box with a 4 pixel #E0BD80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0BD80; -webkit-box-shadow:4px 4px  
4px 4px #E0BD80; box-shadow:4px 4px 4px  
4px #E0BD80 }
```

# Background

The CSS property to change the background color of an element to Hex E0BD80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0BD80 }
```

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

```
.background{ background-color:#E0BD80 }
```

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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