

# Converting Colors

Hex(E0CA7D)

Have a look what the booklet for  
Hex(E0CA7D) contains.

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# **Color**

**Hex(E0CA7D)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | E0CA7D                      |
| RGB         | 224, 202, 125               |
| RGB Percent | 88%, 79%, 49%               |
| CMY         | 0.1216, 0.2078, 0.5098      |
| CMYK        | 0.00, 0.10, 0.44, 0.12      |
| HSL         | 47°, 61%, 68%               |
| HSV         | 47°, 44%, 88%               |
| XYZ         | 55.5627, 59.5690, 27.9715   |
| YIQ         | 199.8000, 37.8290, -19.2830 |

# Conversions

## Conversions Part 2

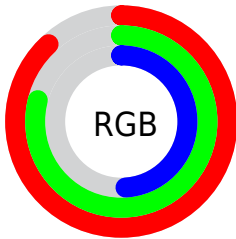
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">153, 224, 125</a>                   |
| Decimal                             | <a href="#">14731901</a>                        |
| CIELab                              | <a href="#">81.60, -2.63, 41.14</a>             |
| CIElCh                              | <a href="#">82, 41.226, 93.660</a>              |
| Yxy                                 | <a href="#">59.5690, 0.3883,<br/>0.4163</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4292921981<br/>(0xFFE0CA7D)</a>     |
| YUV                                 | <a href="#">199.8000, -36.8764,<br/>21.2234</a> |
| Hunter-Lab                          | <a href="#">77.1810, -6.5643,<br/>32.5391</a>   |

# Details

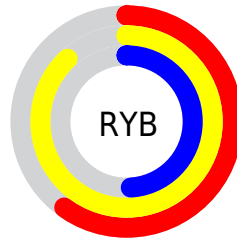
The Hex color **E0CA7D** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7D93E0**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFFB3**, and **A7944A** is the 20% darker color. If you saturate the color by 10%, you get **E0C567**, and if you desaturate by 10%, it is **E0CF93**.

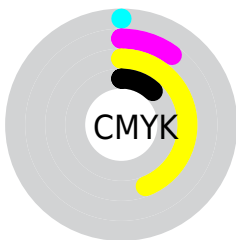
# Distribution



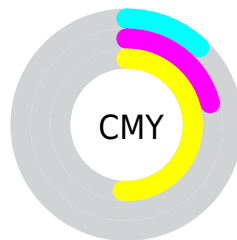
- Red (88%)
- Green (79%)
- Blue (49%)



- Red (60%)
- Yellow (88%)
- Blue (49%)



- Cyan (0%)
- Magenta (10%)
- Yellow (44%)
- Black (12%)



- Cyan (12%)
- Magenta (21%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0CA7D 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 E0CA7D by changing the saturation by 10% instead.



 E0CA7D

 E0CA7D

FFFFFF

 C3AF63

 FFFFB3

 A7944A

 FFFFCF

 8B7A32

 FFFFEB

 716219

 564A00

 3E3400

 251F00

 020800

 000000

 E0CA7D

 E0CA7D

 E0C567

 E0CF93

 E0C050

 E0D4AA

 E0BB3A

 E0D9C0

 E0B623

 E0DED7

 E0B10D

 E0E3ED

 E0AE00

 E0E8FF

 E0EDFF

 E0F2FF

 E0F7FF

# Harmonies

## Analogous

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



FFBD86



E0CA7D



B7D589

# Triad

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



E0CA7D



32DEF4



FFB2EE

# Complementary

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



E0CA7D



7D93E0

# 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.



D6BFFF



E0CA7D



5BD8FF

# Square

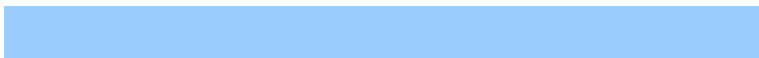
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E0CA7D



56E0CE



9CCDFE



FFADC7

# Rectangle

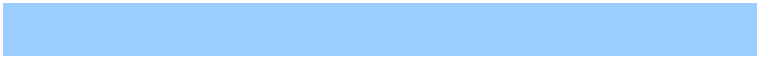
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E0CA7D



98DB9C



9CCDFE



F4B6F9



# Sweetspot

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



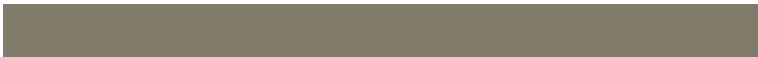
E0CA7D



FFF8DE



E07D94



807B6B



000000



808080



# Same Dimension

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



E0CA7D



FFE178



C6E07D



706E65



B08900



302600



# Inverse Universe

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



7D93E0



7896FF



977DE0



656770



0027B0

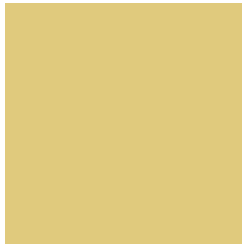


000B30



# Previews

## White Background



This preview shows how the Hex color E0CA7D looks on a white background.

## Color Contrast Check

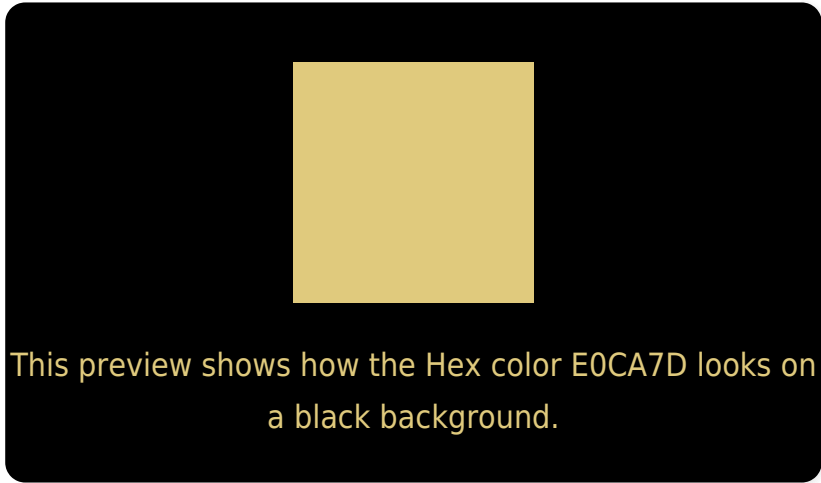
Large Text (above 18pt) WCAG AA × Fail

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

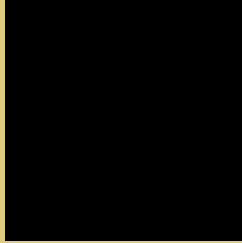
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E0CA7D Background



This preview shows how black text looks on a background with the Hex color E0CA7D.

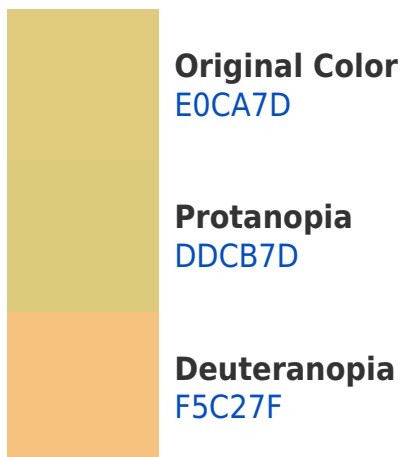


This preview shows how white text looks on a background with the Hex color E0CA7D.

# 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](#).

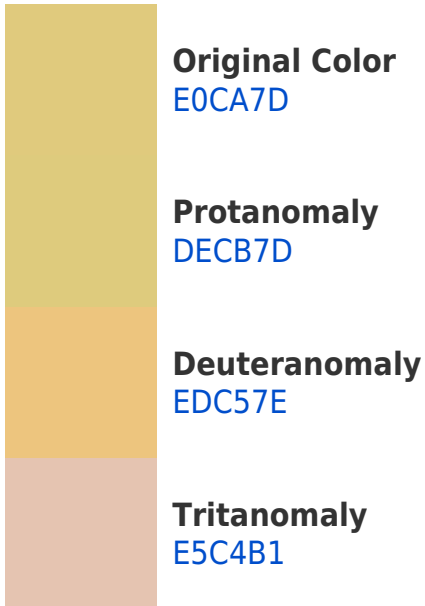
## Dichromacy



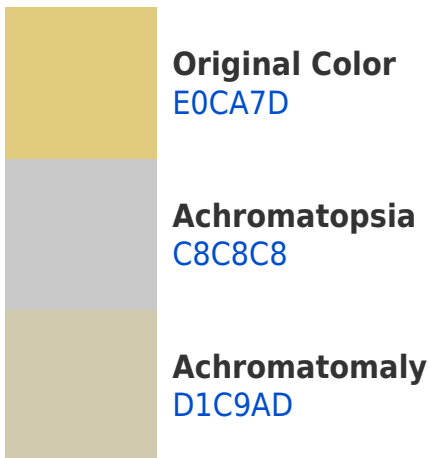


**Tritanopia**  
E8C0CF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0CA7D 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 #E0CA7D looks like.

```
.text, #text, p{  
    color:#E0CA7D  
}
```

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 #E0CA7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0CA7D
}
```

## Border

The CSS property to change the border of an element to Hex E0CA7D 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
#E0CA7D }
```

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

```
.border{ border-color:#E0CA7D }
```

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

Here you see how a box with a 4 pixel #E0CA7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0CA7D; -webkit-box-shadow:4px 4px  
4px 4px #E0CA7D; box-shadow:4px 4px 4px  
4px #E0CA7D }
```

# Background

The CSS property to change the background color of an element to Hex E0CA7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0CA7D }
```

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

```
.background{ background-color:#E0CA7D }
```

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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