

# Converting Colors

Hex(E5D17D)

Have a look what the booklet for  
Hex(E5D17D) contains.

<b>Hex(E5D17D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E5D17D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5D17D
RGB	229, 209, 125
RGB Percent	90%, 82%, 49%
CMY	0.1020, 0.1804, 0.5098
CMYK	0.00, 0.09, 0.45, 0.10
HSL	48°, 67%, 69%
HSV	48°, 45%, 90%
XYZ	58.8152, 63.7396, 28.6051
YIQ	205.4040, 38.8840, -21.8840

# Conversions

## Conversions Part 2

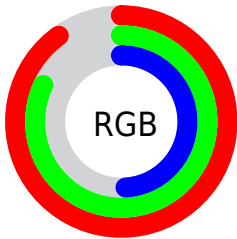
Format	Color
R <sub>YB</sub>	150, 229, 125
Decimal	15061373
CIE Lab	83.83, -4.23, 44.03
CIE LCh	84, 44.230, 95.482
Yxy	63.7396, 0.3891, 0.4217
Android (android.graphics.Color)	4293251453 (0xFFE5D17D)
YUV	205.4040, -39.6392, 20.6937
Hunter-Lab	79.8371, -8.2156, 34.6427

# Details

The Hex color **E5D17D** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7D91E5**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFFB3**, and **AC9B4A** is the 20% darker color. If you saturate the color by 10%, you get **E5CD66**, and if you desaturate by 10%, it is **E5D594**.

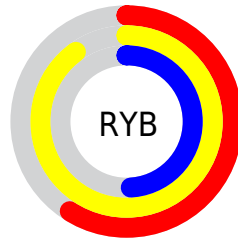
# Distribution



Red (90%)

Green (82%)

Blue (49%)



Red (59%)

Yellow (90%)

Blue (49%)

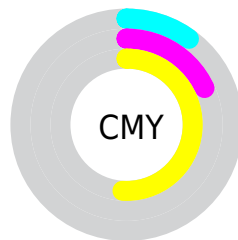


Cyan (0%)

Magenta (9%)

Yellow (45%)

Black (10%)



Cyan (10%)

Magenta (18%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5D17D 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 E5D17D by changing the saturation by 10% instead.



 E5D17D

 E5D17D

FFFFFF

 C8B663

 FFFFB3

 AC9B4A

 FFFFCF

 908131

 FFFFEB

 756817

 5A5000

 413900

 282400

 0B1000

 000000

 E5D17D

 E5D17D

 E5CD66

 E5D594

 E5C84F

 E5DAAB

 E5C438

 E5DEC2

 E5BF21

 E5E3D9

 E5BB0A

 E5E7F0

 E5B900

 E5EBFF

 E5F0FF

 E5F4FF

 E5F9FF

# Harmonies

## Analogous

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



FFC386



E5D17D



B8DD8C

# Triad

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



E5D17D



11E6FF



FFB6F4

# Complementary

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



E5D17D



7D91E5

# 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.



E0C3FF



E5D17D



56DFFF

# Square

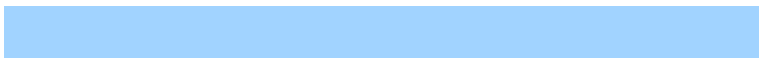
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E5D17D



4AE7D8



A1D3FF



FFB0CB

# Rectangle

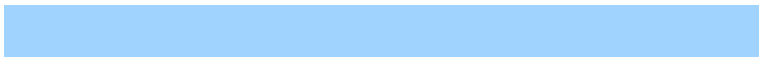
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E5D17D



97E2A0



A1D3FF



FFBAFF



# Sweetspot

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



E5D17D



FFF8DB



E57D92



807B6A



000000



808080



# Same Dimension

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



E5D17D



FFE575



C6E57D



737167



B39000



332900



# Inverse Universe

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



7D91E5



7590FF



9C7DE5



676973



0022B3

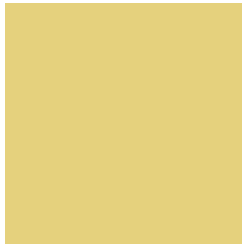


000A33



# Previews

## White Background



This preview shows how the Hex color E5D17D looks on a white background.

## Color Contrast Check

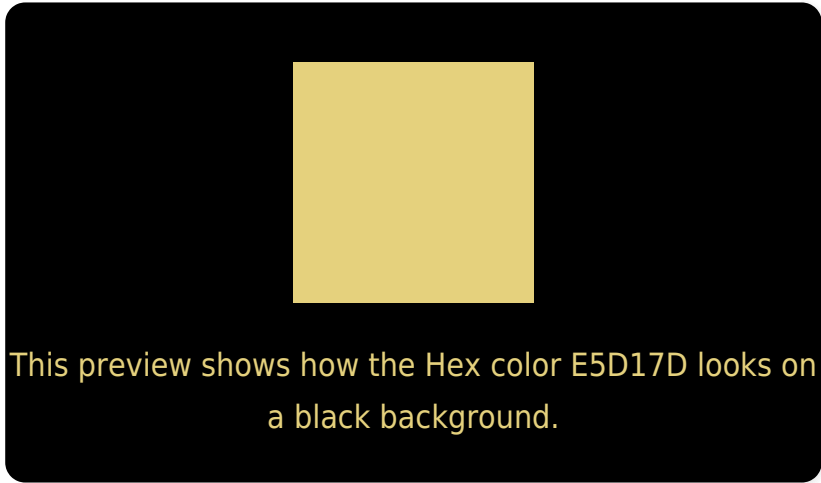
Large Text (above 18pt) WCAG AA × Fail

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 E5D17D Background



This preview shows how black text looks on a background with the Hex color E5D17D.

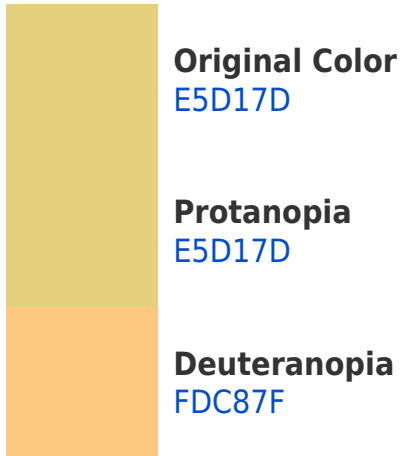


This preview shows how white text looks on a background with the Hex color E5D17D.

# Color Blindness Simulation

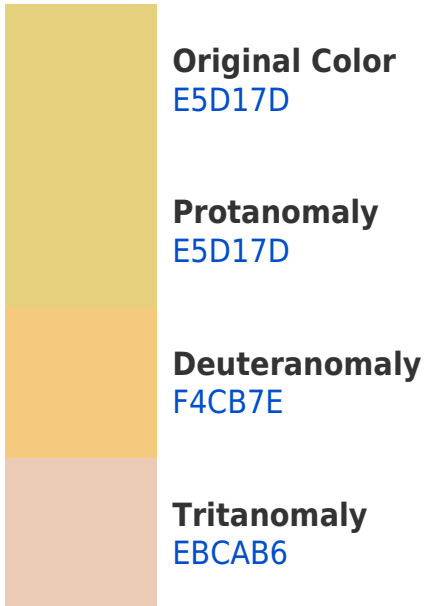
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

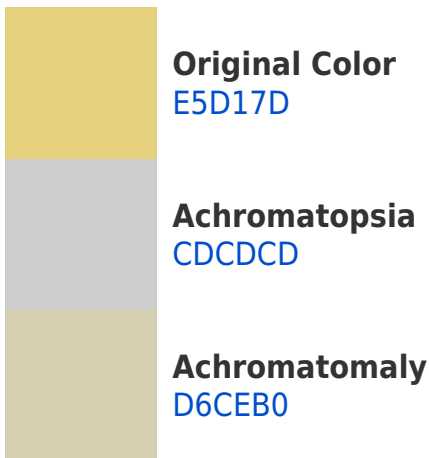




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5D17D 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 #E5D17D looks like.

```
.text, #text, p{  
    color:#E5D17D  
}
```

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 #E5D17D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5D17D
}
```

## Border

The CSS property to change the border of an element to Hex E5D17D 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
#E5D17D }
```

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

```
.border{ border-color:#E5D17D }
```

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

Here you see how a box with a 4 pixel #E5D17D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5D17D; -webkit-box-shadow:4px 4px  
4px 4px #E5D17D; box-shadow:4px 4px 4px  
4px #E5D17D }
```

# Background

The CSS property to change the background color of an element to Hex E5D17D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5D17D }
```

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

```
.background{ background-color:#E5D17D }
```

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