

Converting Colors

Hex(E5C17D)

Have a look what the booklet for
Hex(E5C17D) contains.

Hex(E5C17D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E5C17D)

Conversions

Conversions Part 1

Format	Color
Hex	E5C17D
RGB	229, 193, 125
RGB Percent	90%, 76%, 49%
CMY	0.1020, 0.2431, 0.5098
CMYK	0.00, 0.16, 0.45, 0.10
HSL	39°, 67%, 69%
HSV	39°, 45%, 90%
XYZ	55.0847, 56.2786, 27.3616
YIQ	196.0120, 43.2840, -13.5160

Conversions

Conversions Part 2

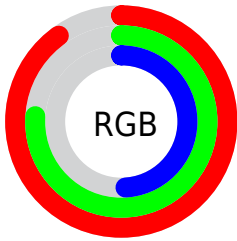
Format	Color
RYB	180, 229, 125
Decimal	15057277
CIELab	79.77, 4.06, 38.92
CIELCh	80, 39.126, 84.045
Yxy	56.2786, 0.3971, 0.4057
Android (android.graphics.Color)	4293247357 (0xFFE5C17D)
YUV	196.0120, -35.0089, 28.9305
Hunter-Lab	75.0191, -0.2150, 30.8886

Details

The Hex color **E5C17D** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **7DA1E5**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFF9B3**, and **AC8C4B** is the 20% darker color. If you saturate the color by 10%, you get **E5B966**, and if you desaturate by 10%, it is **E5C994**.

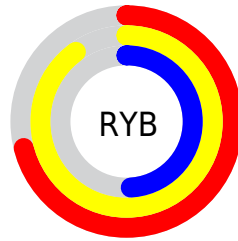
Distribution



Red (90%)

Green (76%)

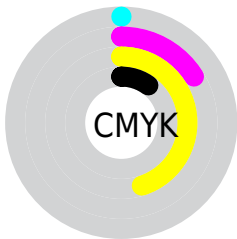
Blue (49%)



Red (71%)

Yellow (90%)

Blue (49%)

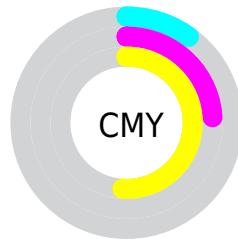


Cyan (0%)

Magenta (16%)

Yellow (45%)

Black (10%)



Cyan (10%)

Magenta (24%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5C17D 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 E5C17D by changing the saturation by 10% instead.

 E5C17D

 E5C17D

FFFFFF

 C8A663

 FFF9B3

 AC8C4B

 FFFFCE

 907232


 FFFFEB

 755A1A

 5A4300

 412D00

 281800

 080000

 000000

 E5C17D

 E5C17D

 E5B966

 E5C994

 E5B14F

 E5D1AB

 E5A938

 E5D9C2

 E5A121

 E5E1D9

 E5990A

 E5E9F0

 E59600

 E5F1FF

 E5F8FF

 E5FFFF

Harmonies

Analogous

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



FFB58C



E5C17D



C0CD82

Triad

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



E5C17D



41D9E2



EDB2F1

Complementary

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



E5C17D



7DA1E5

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.



C0BFFF



E5C17D



4FD5FF

Square

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



E5C17D



68D9BD



87CCFF



FFAACF

Rectangle

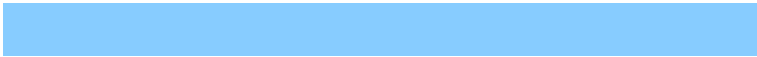
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E5C17D



A4D290



87CCFF



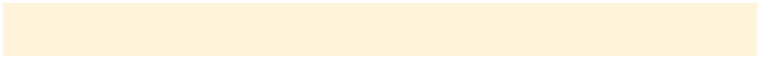
E0B6FA

Sweetspot

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



E5C17D



FFF3DB



E57DA1



80786A



000000



808080

Same Dimension

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



E5C17D



FFCF75



D5E57D



736F67



B37500



332100

Inverse Universe

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



7DA1E5



75A5FF



8D7DE5



676B73



003EB3



001233

Previews

White Background



This preview shows how the Hex color E5C17D looks on a white background.

Color Contrast Check

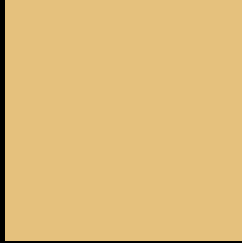
Large Text (above 18pt) WCAG AA × Fail

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 E5C17D 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 E5C17D Background



This preview shows how black text looks on a background with the Hex color E5C17D.

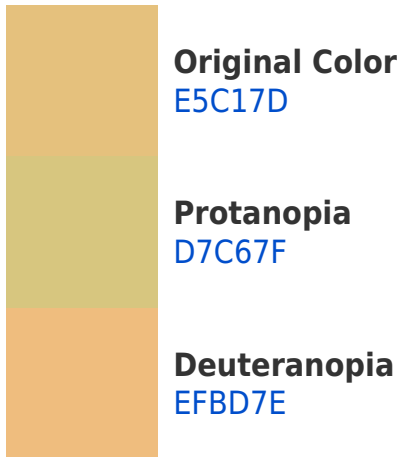


This preview shows how white text looks on a background with the Hex color E5C17D.

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](#).

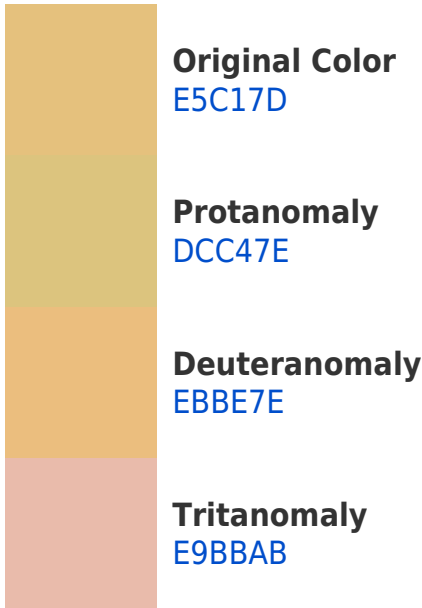
Dichromacy



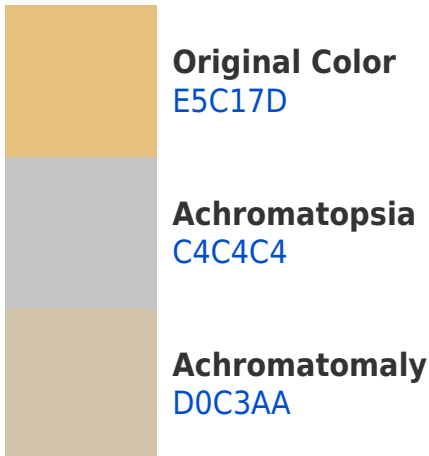


Tritanopia
ECB8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E5C17D 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 #E5C17D looks like.

```
.text, #text, p{  
    color:#E5C17D  
}
```

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 #E5C17D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5C17D
}
```

Border

The CSS property to change the border of an element to Hex E5C17D 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
#E5C17D }
```

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

```
.border{ border-color:#E5C17D }
```

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

Here you see how a box with a 4 pixel #E5C17D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5C17D; -webkit-box-shadow:4px 4px  
4px 4px #E5C17D; box-shadow:4px 4px 4px  
4px #E5C17D }
```

Background

The CSS property to change the background color of an element to Hex E5C17D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5C17D }
```

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

```
.background{ background-color:#E5C17D }
```

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