

# Converting Colors

Hex(E5CA78)

Have a look what the booklet for  
Hex(E5CA78) contains.

<b>Hex(E5CA78)</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(E5CA78)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5CA78
RGB	229, 202, 120
RGB Percent	90%, 79%, 47%
CMY	0.1020, 0.2078, 0.5294
CMYK	0.00, 0.12, 0.48, 0.10
HSL	45°, 68%, 68%
HSV	45°, 48%, 90%
XYZ	56.8238, 60.2551, 26.4048
YIQ	200.7250, 42.4140, -19.7780

# Conversions

## Conversions Part 2

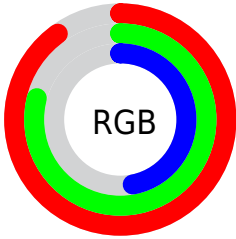
Format	Color
<a href="#">RYB</a>	<a href="#">156, 229, 120</a>
Decimal	<a href="#">15059576</a>
CIELab	<a href="#">81.98, -1.10, 44.20</a>
CIELCh	<a href="#">82, 44.219, 91.427</a>
Yxy	<a href="#">60.2551, 0.3960, 0.4199</a>
Android (android.graphics.Color)	<a href="#">4293249656 (0xFFE5CA78)</a>
YUV	<a href="#">200.7250, -39.7974, 24.7972</a>
Hunter-Lab	<a href="#">77.6242, -5.1737, 34.1687</a>

# Details

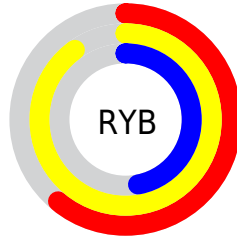
The Hex color **E5CA78** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7893E5**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFFAE**, and **AB9445** is the 20% darker color. If you saturate the color by 10%, you get **E5C461**, and if you desaturate by 10%, it is **E5D08F**.

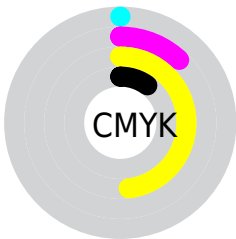
# Distribution



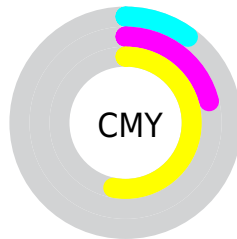
- Red (90%)
- Green (79%)
- Blue (47%)



- Red (61%)
- Yellow (90%)
- Blue (47%)



- Cyan (0%)
- Magenta (12%)
- Yellow (48%)
- Black (10%)



- Cyan (10%)
- Magenta (21%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5CA78 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 E5CA78 by changing the saturation by 10% instead.



 E5CA78

 E5CA78

FFFFFF

 C8AF5E

 FFFFAE

 AB9445

 FFFFC9

 907B2C


 FFFFEE

 746212

 5A4A00

 403400

 271F00

 080800

 000000

 E5CA78

 E5CA78

 E5C461

 E5D08F

 E5BF4A

 E5D5A6

 E5B933

 E5DBBD

 E5B31C

 E5E1D4

 E5AE06

 E5E6EB

 E5AC00

 E5ECFF

 E5F2FF

 E5F7FF

 E5FDFF

# Harmonies

## Analogous

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



FFBC84



E5CA78



BAD684

# Triad

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



E5CA78



00E1F6



FFB2F4

# Complementary

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



E5CA78



7893E5

# 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.



D3C0FF



E5CA78



43DBFF

# Square

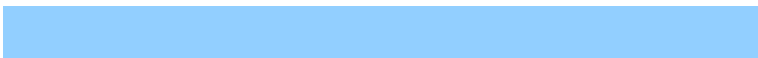
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E5CA78



4CE2CC



92CFFF



FFABCB

# Rectangle

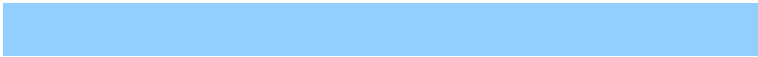
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E5CA78



99DC97



92CFFF



F5B6FF



# Sweetspot

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



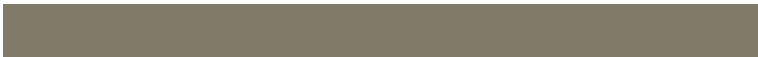
E5CA78



FFF6DB



E57893



807A6A



000000



808080



# Same Dimension

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



E5CA78



FFDB6E



CAE578



737067



B38600



332600



# Inverse Universe

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



7893E5



6E92FF



9378E5



676A73



002CB3



000D33



# Previews

## White Background



This preview shows how the Hex color E5CA78 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 E5CA78 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 E5CA78 Background



This preview shows how black text looks on a background with the Hex color E5CA78.

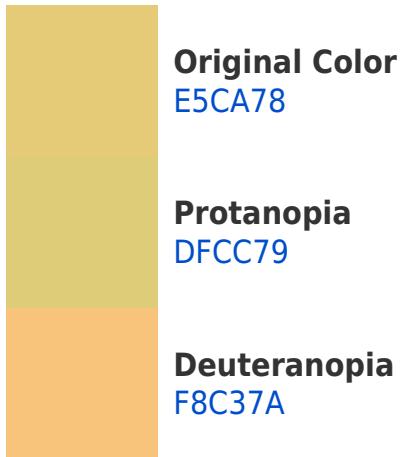


This preview shows how white text looks on a background with the Hex color E5CA78.

# Color Blindness Simulation

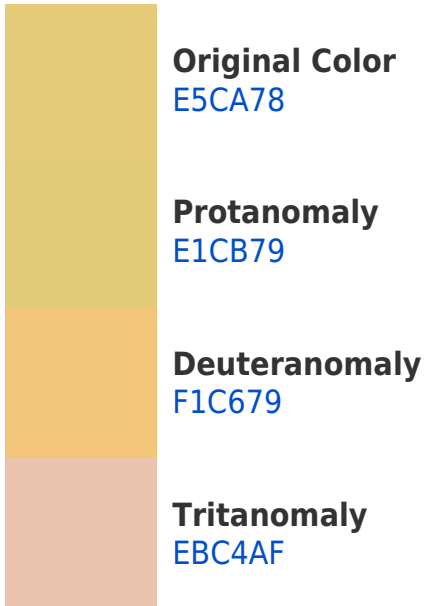
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

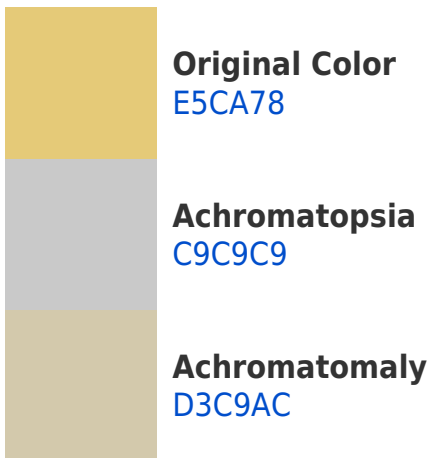




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5CA78 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 #E5CA78 looks like.

```
.text, #text, p{  
    color:#E5CA78  
}
```

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 #E5CA78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5CA78
}
```

## Border

The CSS property to change the border of an element to Hex E5CA78 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
#E5CA78 }
```

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

```
.border{ border-color:#E5CA78 }
```

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

Here you see how a box with a 4 pixel #E5CA78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5CA78; -webkit-box-shadow:4px 4px  
4px 4px #E5CA78; box-shadow:4px 4px 4px  
4px #E5CA78 }
```

# Background

The CSS property to change the background color of an element to Hex E5CA78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5CA78 }
```

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

```
.background{ background-color:#E5CA78 }
```

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