

# Converting Colors

Hex(EED57C)

Have a look what the booklet for  
Hex(EED57C) contains.

<b>Hex(EED57C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(EED57C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EED57C
RGB	238, 213, 124
RGB Percent	93%, 84%, 49%
CMY	0.0667, 0.1647, 0.5137
CMYK	0.00, 0.11, 0.48, 0.07
HSL	47°, 77%, 71%
HSV	47°, 48%, 93%
XYZ	62.6922, 67.2209, 28.7395
YIQ	210.3290, 43.4690, -22.3790

# Conversions

## Conversions Part 2

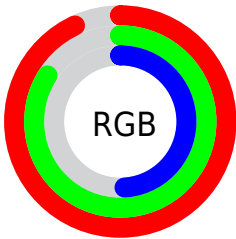
Format	Color
<a href="#">RYB</a>	156, 238, 124
Decimal	15652220
CIELab	85.62, -2.76, 46.91
CIELCh	86, 46.987, 93.365
Yxy	67.2209, 0.3952, 0.4237
Android (android.graphics.Color)	4293842300 (0xFFEED57C)
YUV	210.3290, -42.5602, 24.2675
Hunter-Lab	81.9883, -6.9899, 36.6088

# Details

The Hex color **EED57C** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7C95EE**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFFB2**, and **B49F49** is the 20% darker color. If you saturate the color by 10%, you get **EED064**, and if you desaturate by 10%, it is **EEDA94**.

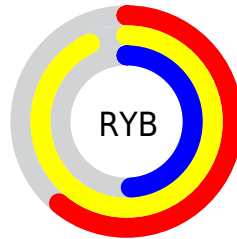
# Distribution



Red (93%)

Green (84%)

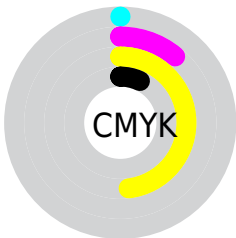
Blue (49%)



Red (61%)

Yellow (93%)

Blue (49%)

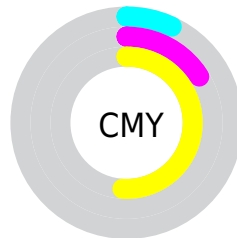


Cyan (0%)

Magenta (11%)

Yellow (48%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EED57C 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 EED57C by changing the saturation by 10% instead.



 EED57C

 EED57C

FFFFFF

 D1B962

 FFFFB2

 B49F49

 FFFFCE

 98852F

 FFFFEB

 7C6C14

 625300

 483D00

 2E2700

 151300

 000000

 EED57C

 EED57C

 EED064

 EEDA94

 EECB4C

 EEDFAC

 EEC535

 EEE5C3

 EEC01D

 EEEADB

 EEBB05

 EEEFF3

 EEBA00

 EEF4FF

 EEFAFF

 EEEFFF

# Harmonies

## Analogous

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



FFC687



EED57C



BFE28A

# Triad

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



EED57C



00ECFF



FFBAFF

# Complementary

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



EED57C



7C95EE

# 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.



E1C9FF



EED57C



44E5FF

# Square

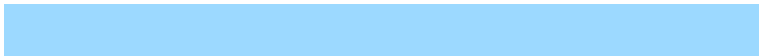
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EED57C



44EEDA



9CD9FF



FFB3D3

# Rectangle

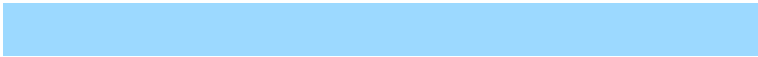
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EED57C



9CE89F



9CD9FF



FFBEFF

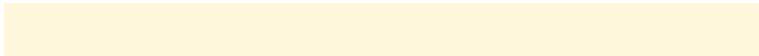


# Sweetspot

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



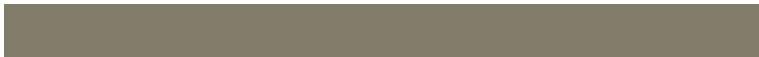
EED57C



FFF7DB



EE7C97



807B6A



000000



808080



# Same Dimension

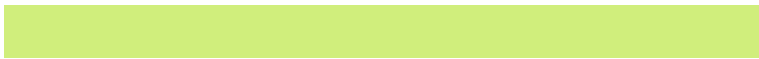
The Same Dimension uses a secret algorithm to generate beautiful new colors.



EED57C



FFDF6E



D0EE7C



78756C



B88F00



382C00



# Inverse Universe

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



7C95EE



6E8EFF



9A7CEE



6C6E78



0028B8



000C38



# Previews

## White Background



This preview shows how the Hex color EED57C looks on a white background.

## Color Contrast Check

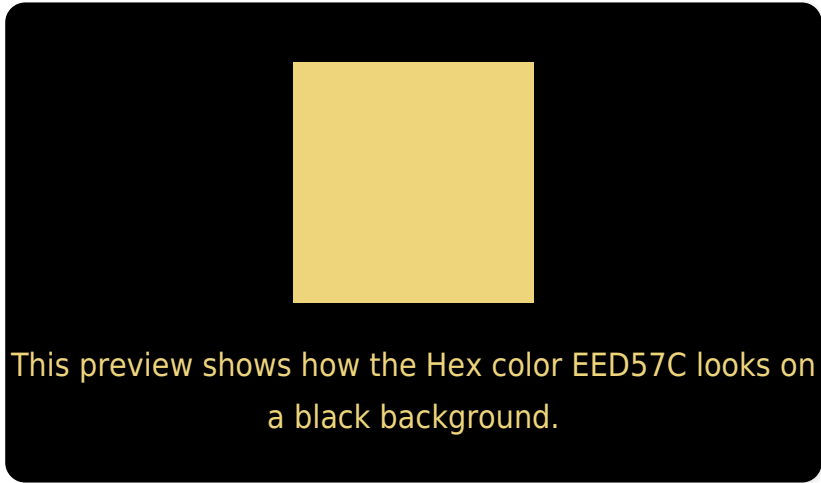
Large Text (above 18pt) WCAG AA × Fail

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 EED57C Background



This preview shows how black text looks on a background with the Hex color EED57C.

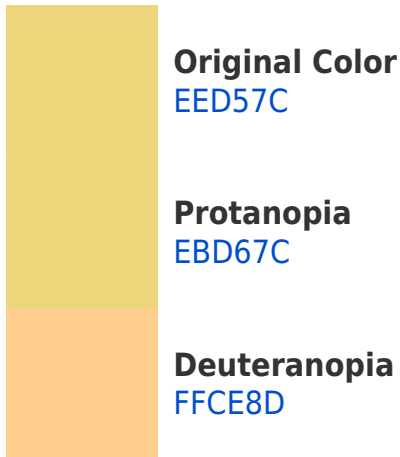


This preview shows how white text looks on a background with the Hex color EED57C.

# Color Blindness Simulation

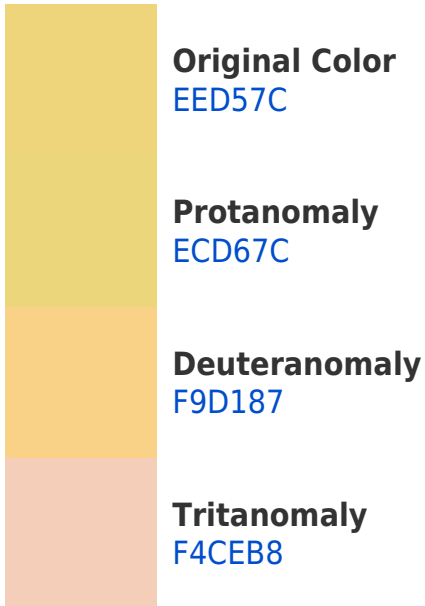
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

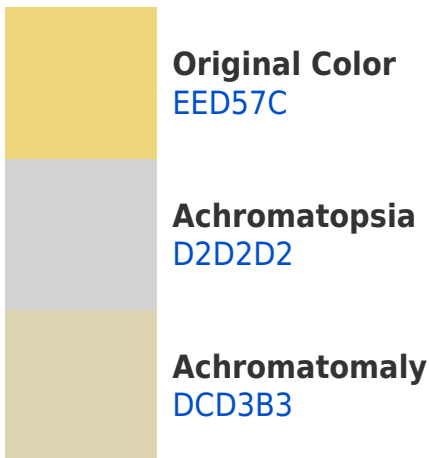




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EED57C 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 #EED57C looks like.

```
.text, #text, p{  
    color:#EED57C  
}
```

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 #EED57C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EED57C }  
}
```

## Border

The CSS property to change the border of an element to Hex EED57C 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 #EED57C }  
}
```

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

```
.border{ border-color:#EED57C }
```

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

Here you see how a box with a 4 pixel #EED57C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EED57C; -webkit-box-shadow:4px 4px  
4px 4px #EED57C; box-shadow:4px 4px 4px  
4px #EED57C }
```

# Background

The CSS property to change the background color of an element to Hex EED57C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EED57C }
```

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

```
.background{ background-color:#EED57C }
```

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