

# Converting Colors

Hex(E1CF77)

Have a look what the booklet for  
Hex(E1CF77) contains.

<b>Hex(E1CF77)</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(E1CF77)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1CF77
RGB	225, 207, 119
RGB Percent	88%, 81%, 47%
CMY	0.1176, 0.1882, 0.5333
CMYK	0.00, 0.08, 0.47, 0.12
HSL	50°, 64%, 67%
HSV	50°, 47%, 88%
XYZ	56.6939, 61.9651, 26.4251
YIQ	202.3500, 38.9760, -23.5520

# Conversions

## Conversions Part 2

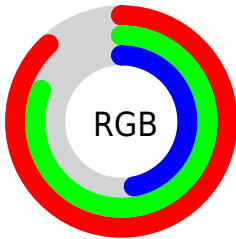
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 225, 119
Decimal	14798711
CIELab	82.89, -5.38, 45.76
CIELCh	83, 46.071, 96.706
Yxy	61.9651, 0.3908, 0.4271
Android (android.graphics.Color)	4292988791 (0xFFE1CF77)
YUV	202.3500, -41.0915, 19.8641
Hunter-Lab	78.7179, -9.1977, 35.1992

# Details

The Hex color **E1CF77** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7789E1**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFAD**, and **A89944** is the 20% darker color. If you saturate the color by 10%, you get **E1CB61**, and if you desaturate by 10%, it is **E1D38E**.

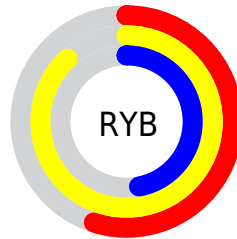
# Distribution



Red (88%)

Green (81%)

Blue (47%)



Red (55%)

Yellow (88%)

Blue (47%)

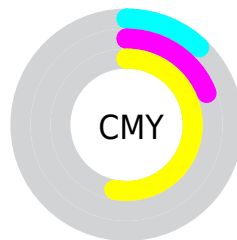


Cyan (0%)

Magenta (8%)

Yellow (47%)

Black (12%)



Cyan (12%)

Magenta (19%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1CF77 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 E1CF77 by changing the saturation by 10% instead.



 E1CF77

 E1CF77

FFFFFF

 C4B45D

 FFFFAD

 A89944

 FFFFC9

 8C7F2B

 FFFF E5

 71660F

 574E00

 3D3800

 242300

 020E00

 000000

 E1CF77

 E1CF77

 E1CB61

 E1D38E

 E1C74A

 E1D7A4

 E1C433

 E1DABB

 E1C01D

 E1DED1

 E1BC06

 E1E2E8

 E1BB00

 E1E6FE

 E1EAFB

 E1EEFF

 E1F1FF

# Harmonies

## Analogous

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



FFC07F



E1CF77



B2DB87

# Triad

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



E1CF77



00E3FF



FFB1F2

# Complementary

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



E1CF77



7789E1

# 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.



E0C0FF



E1CF77



49DCFF

# Square

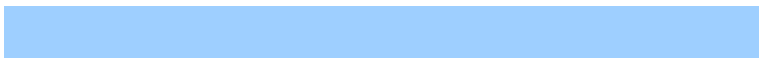
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E1CF77



35E5D7



9ECFFF



FFACC6

# Rectangle

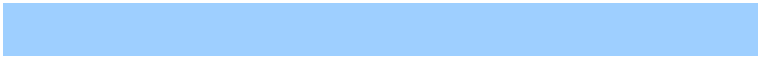
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E1CF77



8FE19D



9ECFFF



FFB6FF



# Sweetspot

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



E1CF77



FFF9DB



E1778A



807C6A



000000



808080



# Same Dimension

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



E1CF77



FFE66E



BFE177



706E65



B09200



302800



# Inverse Universe

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



7789E1



6E86FF



9977E1



656770



001EB0

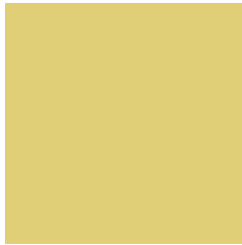


000830



# Previews

## White Background



This preview shows how the Hex color E1CF77 looks on a white background.

## Color Contrast Check

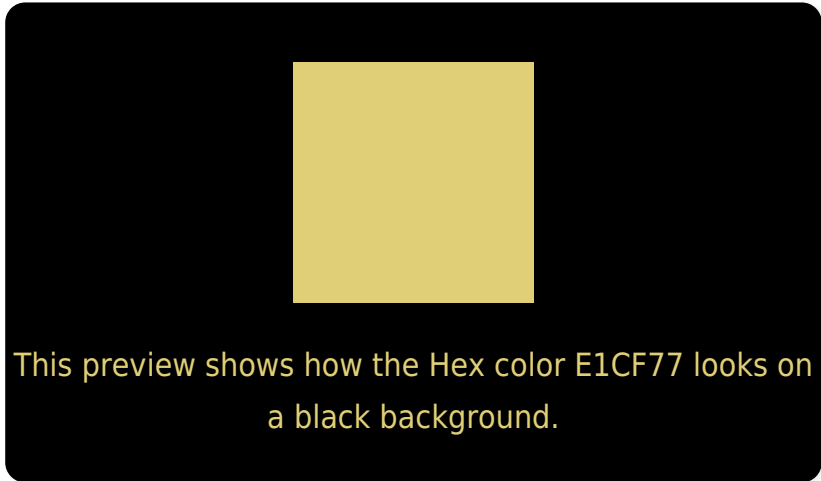
Large Text (above 18pt) WCAG AA × Fail

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 E1CF77 Background



This preview shows how black text looks on a background with the Hex color E1CF77.

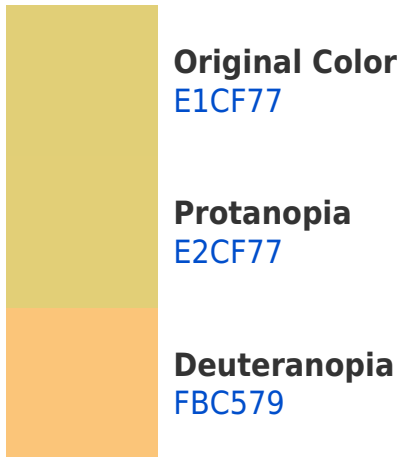


This preview shows how white text looks on a background with the Hex color E1CF77.

# 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](#).

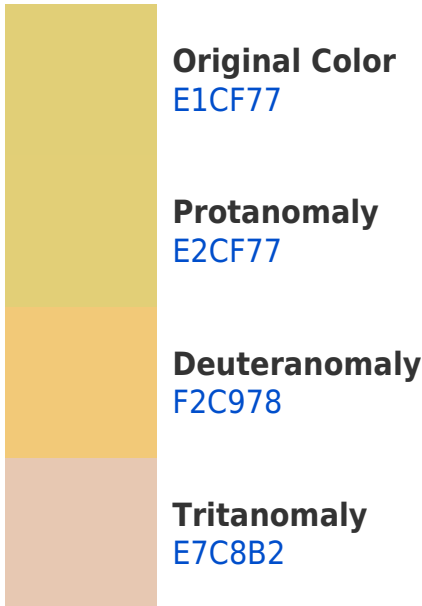
## Dichromacy



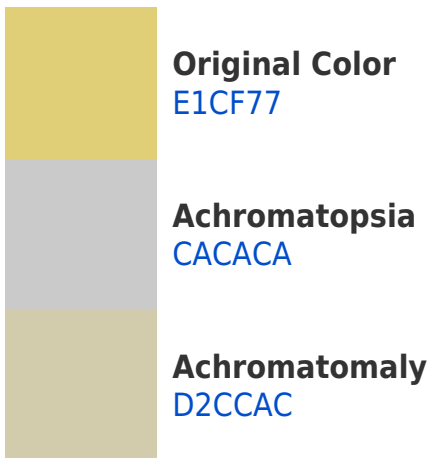


**Tritanopia**  
EAC4D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1CF77 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 #E1CF77 looks like.

```
.text, #text, p{  
    color:#E1CF77  
}
```

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 #E1CF77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1CF77
}
```

## Border

The CSS property to change the border of an element to Hex E1CF77 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
#E1CF77 }
```

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

```
.border{ border-color:#E1CF77 }
```

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

Here you see how a box with a 4 pixel #E1CF77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1CF77; -webkit-box-shadow:4px 4px  
4px 4px #E1CF77; box-shadow:4px 4px 4px  
4px #E1CF77 }
```

# Background

The CSS property to change the background color of an element to Hex E1CF77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1CF77 }
```

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

```
.background{ background-color:#E1CF77 }
```

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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