

# Converting Colors

Hex(E5C759)

Have a look what the booklet for  
Hex(E5C759) contains.

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# **Color**

**Hex(E5C759)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5C759
RGB	229, 199, 89
RGB Percent	90%, 78%, 35%
CMY	0.1020, 0.2196, 0.6510
CMYK	0.00, 0.13, 0.61, 0.10
HSL	47°, 73%, 62%
HSV	47°, 61%, 90%
XYZ	54.5397, 58.2261, 17.8154
YIQ	195.4300, 53.1900, -27.8500

# Conversions

## Conversions Part 2

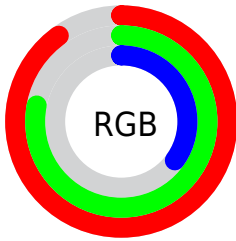
Format	Color
<a href="#">RYB</a>	<a href="#">127, 229, 89</a>
Decimal	<a href="#">15058777</a>
CIELab	<a href="#">80.86, -2.03, 57.62</a>
CIElCh	<a href="#">81, 57.654, 92.016</a>
Yxy	<a href="#">58.2261, 0.4177, 0.4459</a>
Android (android.graphics.Color)	<a href="#">4293248857 (0xFFE5C759)</a>
YUV	<a href="#">195.4300, -52.4700, 29.4409</a>
Hunter-Lab	<a href="#">76.3060, -5.9528, 39.5716</a>

# Details

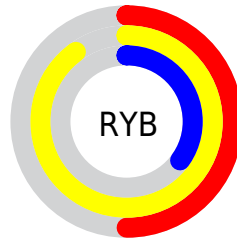
The Hex color **E5C759** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **5977E5**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFFF8F**, and **AA9122** is the 20% darker color. If you saturate the color by 10%, you get **E5C242**, and if you desaturate by 10%, it is **E5CC70**.

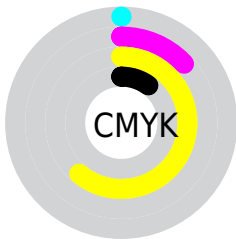
# Distribution



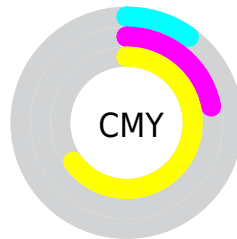
- Red (90%)
- Green (78%)
- Blue (35%)



- Red (50%)
- Yellow (90%)
- Blue (35%)



- Cyan (0%)
- Magenta (13%)
- Yellow (61%)
- Black (10%)



- Cyan (10%)
- Magenta (22%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5C759 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 E5C759 by changing the saturation by 10% instead.



 E5C759

 E5C759

FFFFFF

 C7AC3E

 FFFF8F

 AA9122

 FFFFAA

 8E7800

 FFFFC6

 725F00

 FFFFEE3

 574800

 3C3200

 231D00

 000500

 000000

 E5C759

 E5C759

 E5C242

 E5CC70

 E5BD2B

 E5D187

 E5B814

 E5D69E

 E5B400

 E5DBB5

 E5E0CC

 E5E4E2

 E5E9F9

 E5EEFF

 E5F3FF

# Harmonies

## Analogous

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



FFB46A



E5C759



AED66A

# Triad

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



E5C759



00E3FF



FFA5FC

# Complementary

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



E5C759



5977E5

# 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.



D1B9FF



E5C759



00DCFF

# Square

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



E5C759



00E4CB



6ECDFF



FF9BC7

# Rectangle

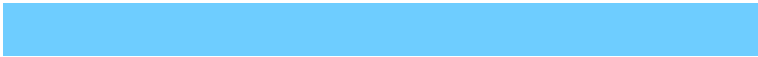
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E5C759



81DD84



6ECDFF



FDABFF



# Sweetspot

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



E5C759



FFF5D1



E55977



807963



000000



808080



# Same Dimension

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



E5C759



FFD745



BDE559



737067



B38C00



332800



# Inverse Universe

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



5977E5



456DFF



8159E5



676A73



0026B3



000B33



# Previews

## White Background



This preview shows how the Hex color E5C759 looks on a white background.

## Color Contrast Check

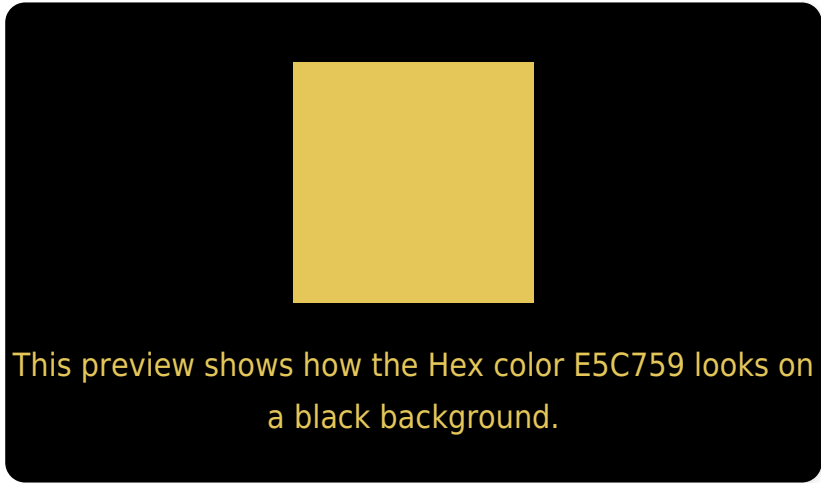
Large Text (above 18pt) WCAG AA × Fail

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 E5C759 Background



This preview shows how black text looks on a background with the Hex color E5C759.

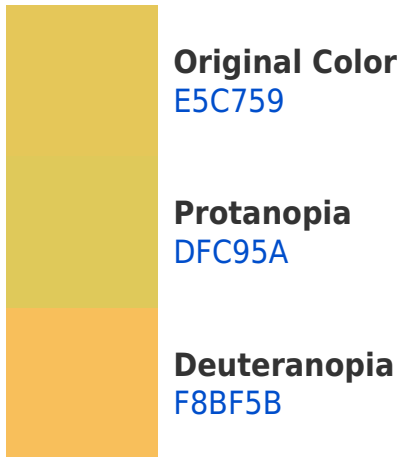


This preview shows how white text looks on a background with the Hex color E5C759.

# Color Blindness Simulation

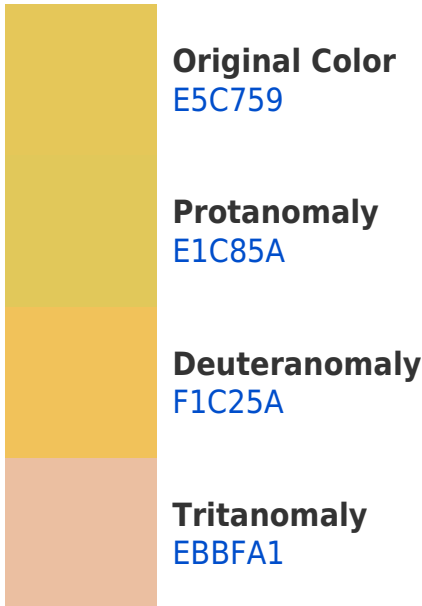
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

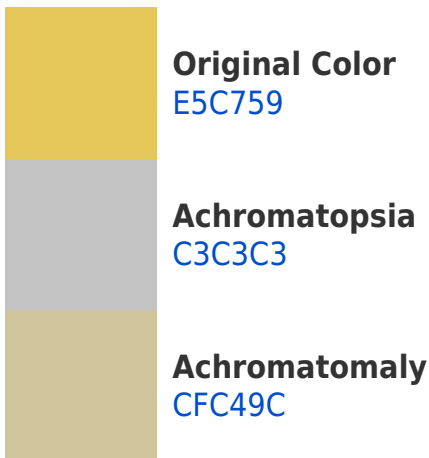




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5C759 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 #E5C759 looks like.

```
.text, #text, p{  
    color:#E5C759  
}
```

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 #E5C759 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5C759
}
```

## Border

The CSS property to change the border of an element to Hex E5C759 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
#E5C759 }
```

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

```
.border{ border-color:#E5C759 }
```

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

Here you see how a box with a 4 pixel #E5C759 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5C759; -webkit-box-shadow:4px 4px  
4px 4px #E5C759; box-shadow:4px 4px 4px  
4px #E5C759 }
```

# Background

The CSS property to change the background color of an element to Hex E5C759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5C759 }
```

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

```
.background{ background-color:#E5C759 }
```

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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