

# Converting Colors

Hex(C5C677)

Have a look what the booklet for  
Hex(C5C677) contains.

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# **Color**

**Hex(C5C677)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5C677
RGB	197, 198, 119
RGB Percent	77%, 78%, 47%
CMY	0.2275, 0.2235, 0.5333
CMYK	0.01, 0.00, 0.40, 0.22
HSL	61°, 41%, 62%
HSV	61°, 40%, 78%
XYZ	46.5498, 53.5904, 25.3433
YIQ	188.6950, 24.7630, -24.7810

# Conversions

## Conversions Part 2

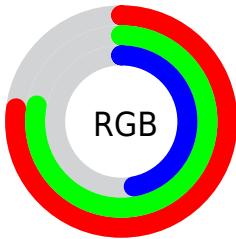
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">119, 198, 120</a>
Decimal	<a href="#">12961399</a>
CIELab	<a href="#">78.22, -12.01, 39.43</a>
CIELCh	<a href="#">78, 41.214, 106.941</a>
Yxy	<a href="#">53.5904, 0.3710, 0.4271</a>
Android (android.graphics.Color)	<a href="#">4291151479 (0xFFC5C677)</a>
YUV	<a href="#">188.6950, -34.3596, 7.2835</a>
Hunter-Lab	<a href="#">73.2055, -14.6052, 30.7180</a>

# Details

The Hex color **C5C677** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7877C6**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFFFAC**, and **8E9045** is the 20% darker color. If you saturate the color by 10%, you get **C5C663**, and if you desaturate by 10%, it is **C5C68B**.

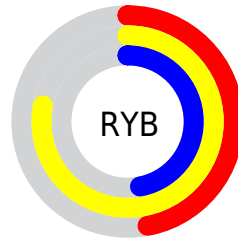
# Distribution



Red (77%)

Green (78%)

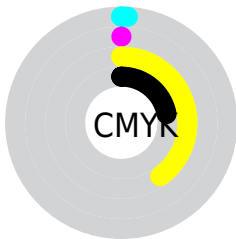
Blue (47%)



Red (47%)

Yellow (78%)

Blue (47%)

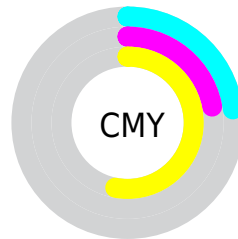


Cyan (1%)

Magenta (0%)

Yellow (40%)

Black (22%)



Cyan (23%)

Magenta (22%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5C677 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 C5C677 by changing the saturation by 10% instead.



 C5C677

 C5C677

FFFFFF

 A9AB5D

 FFFFAC

 8E9045

 FFFFC8

 73772C

 FFFFE4

 595E13

 404700

 293000

 0E1C00

 000000

 C5C677

 C5C677

 C5C663

 C5C68B

 C4C64F

 C6C69F

 C4C63C

 C6C6B2

 C4C628

 C6C6C6

 C4C614

 C6C6DA

 C3C600

 C7C6EE

 C7C6FF

# Harmonies

## Analogous

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



EAB977



C5C677



9ACF8C

# Triad

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



C5C677



29D2F8



FFA6D4

# Complementary

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



C5C677



7877C6

# 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.



E1B0F6



C5C677



6DCAFF

# Square

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



C5C677



31D6D6



ADBEFF



FFA4AD

# Rectangle

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



C5C677



7AD4A2



ADBEFF



F9A8E0



# Sweetspot

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



C5C677



FFFFE0



C67777



7F806E



000000



808080



# Same Dimension

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



C5C677



FDFE85



9FC677



63635A



A1A300



232400



# Inverse Universe

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



7877C6



8685FF



9F77C6



5A5A63



0200A3



000024



# Previews

## White Background



This preview shows how the Hex color C5C677 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 C5C677 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

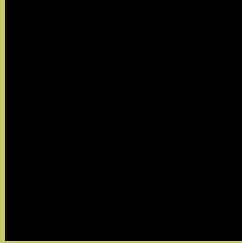
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C5C677 Background



This preview shows how black text looks on a background with the Hex color C5C677.

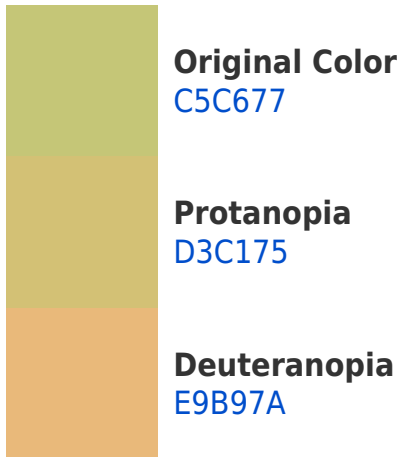


This preview shows how white text looks on a background with the Hex color C5C677.

# Color Blindness Simulation

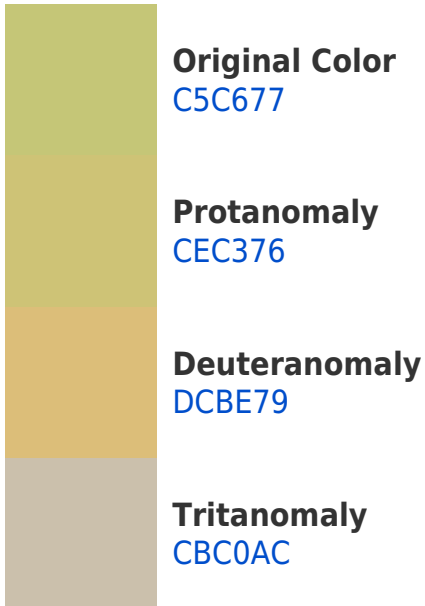
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

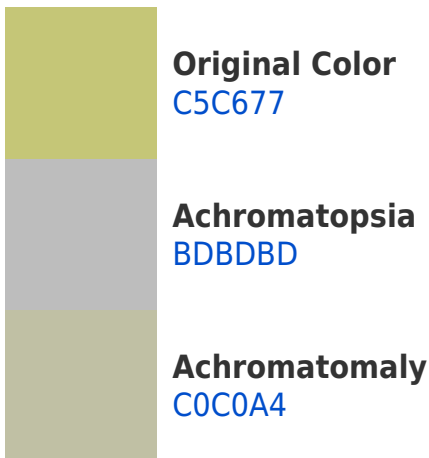




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5C677 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 #C5C677 looks like.

```
.text, #text, p{  
    color:#C5C677  
}
```

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 #C5C677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5C677
}
```

## Border

The CSS property to change the border of an element to Hex C5C677 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
#C5C677 }
```

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

```
.border{ border-color:#C5C677 }
```

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

Here you see how a box with a 4 pixel `#C5C677` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5C677; -webkit-box-shadow:4px 4px  
4px 4px #C5C677; box-shadow:4px 4px 4px  
4px #C5C677 }
```

# Background

The CSS property to change the background color of an element to Hex C5C677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5C677 }
```

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

```
.background{ background-color:#C5C677 }
```

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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