

# Converting Colors

Hex(C5C673)

Have a look what the booklet for  
Hex(C5C673) contains.

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# **Color**

**Hex(C5C673)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5C673
RGB	197, 198, 115
RGB Percent	77%, 78%, 45%
CMY	0.2275, 0.2235, 0.5490
CMYK	0.01, 0.00, 0.42, 0.22
HSL	61°, 42%, 61%
HSV	61°, 42%, 78%
XYZ	46.3146, 53.4963, 24.1044
YIQ	188.2390, 26.0470, -26.0250

# Conversions

## Conversions Part 2

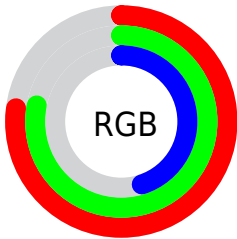
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 198, 116
Decimal	12961395
CIELab	78.17, -12.44, 41.37
CIELCh	78, 43.198, 106.732
Yxy	53.4963, 0.3738, 0.4317
Android (android.graphics.Color)	4291151475 (0xFFC5C673)
YUV	188.2390, -36.1068, 7.6834
Hunter-Lab	73.1412, -14.9670, 31.6592

# Details

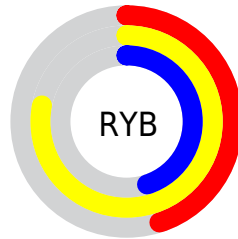
The Hex color **C5C673** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7473C6**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFFA8**, and **8E9041** is the 20% darker color. If you saturate the color by 10%, you get **C5C65F**, and if you desaturate by 10%, it is **C5C687**.

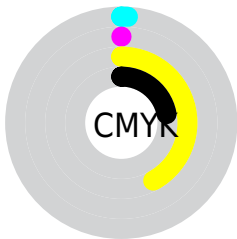
# Distribution



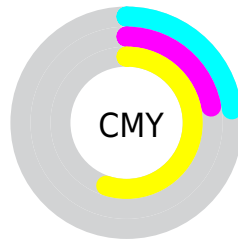
- Red (77%)
- Green (78%)
- Blue (45%)



- Red (45%)
- Yellow (78%)
- Blue (45%)



- Cyan (1%)
- Magenta (0%)
- Yellow (42%)
- Black (22%)



- Cyan (23%)
- Magenta (22%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5C673 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 C5C673 by changing the saturation by 10% instead.



 C5C673

 C5C673

FFFFFF

 A9AB59

 FFFFA8

 8E9041

 FFFFC4

 737728

 FFFFEO

 595E0D

FFFFFFD

 404700

 283000

 0D1C00

 000000

 C5C673

 C5C673

 C5C65F

 C5C687

 C5C64B

 C5C69B

 C4C638

 C6C6AE

 C4C624

 C6C6C2

 C4C610

 C6C6D6

 C4C600

 C6C6EA

 C7C6FE

 C7C6FF

# Harmonies

## Analogous

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



EBB973



C5C673



98D089

# Triad

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



C5C673



00D3FB



FFA4D5

# Complementary

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



C5C673



7473C6

# 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.



E2AFF9



C5C673



64CBFF

# Square

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



C5C673



17D7D7



ABBEFF



FFA2AC

# Rectangle

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



C5C673



76D4A0



ABBEFF



FBA7E2



# Sweetspot

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



C5C673



FFFFDE



C67373



7F806B



000000



808080



# Same Dimension

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



C5C673



FDF80



9DC673



63635A



A1A300



232400



# Inverse Universe

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



7473C6



8180FF



9D73C6



5A5A63



0200A3



000024



# Previews

## White Background



This preview shows how the Hex color C5C673 looks on a white background.

## Color Contrast Check

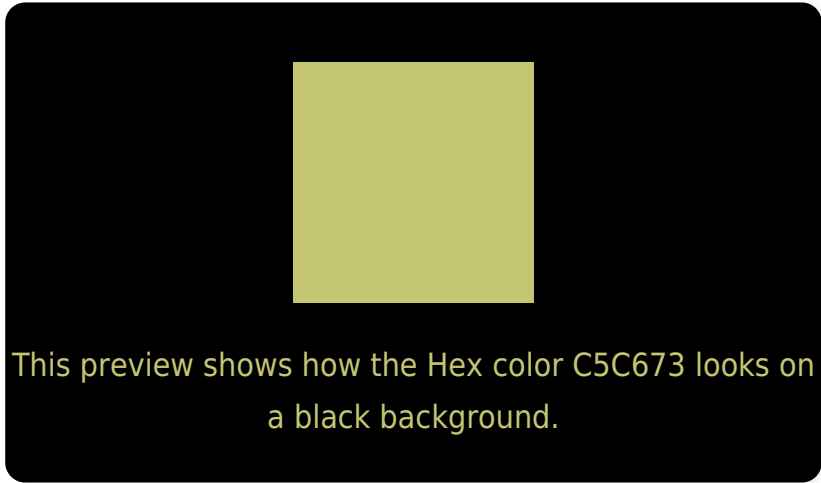
Large Text (above 18pt) WCAG AA × Fail

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

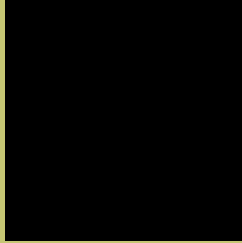
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C5C673 Background



This preview shows how black text looks on a background with the Hex color C5C673.



This preview shows how white text looks on a background with the Hex color C5C673.

# 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



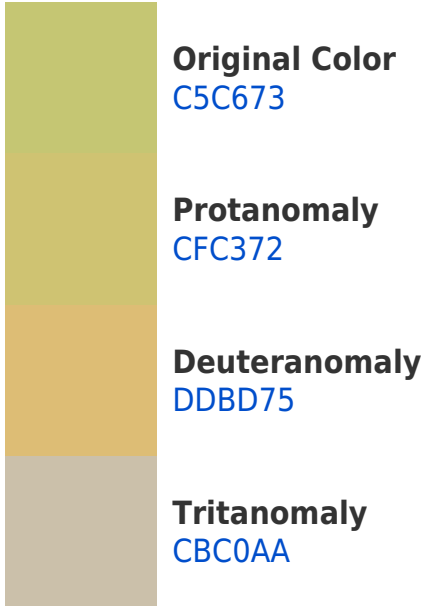
**Original Color**  
C5C673

**Protanopia**  
D4C171

**Deuteranopia**  
EAB876



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5C673 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 #C5C673 looks like.

```
.text, #text, p{  
    color:#C5C673  
}
```

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 #C5C673 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5C673
}
```

## Border

The CSS property to change the border of an element to Hex C5C673 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
#C5C673 }
```

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

```
.border{ border-color:#C5C673 }
```

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

Here you see how a box with a 4 pixel #C5C673 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5C673; -webkit-box-shadow:4px 4px  
4px 4px #C5C673; box-shadow:4px 4px 4px  
4px #C5C673 }
```

# Background

The CSS property to change the background color of an element to Hex C5C673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5C673 }
```

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

```
.background{ background-color:#C5C673 }
```

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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