

Converting Colors

Hex(C1C758)

Have a look what the booklet for
Hex(C1C758) contains.

Hex(C1C758)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C1C758)

Conversions

Conversions Part 1

Format	Color
Hex	C1C758
RGB	193, 199, 88
RGB Percent	76%, 78%, 35%
CMY	0.2431, 0.2196, 0.6549
CMYK	0.03, 0.00, 0.56, 0.22
HSL	63°, 50%, 56%
HSV	63°, 56%, 78%
XYZ	44.1772, 52.8889, 17.1127
YIQ	184.5520, 32.0550, -35.7930

Conversions

Conversions Part 2

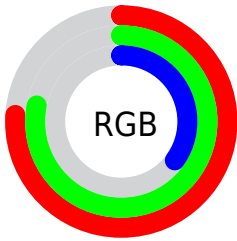
Format	Color
RYB	88, 199, 94
Decimal	12699480
CIELab	77.81, -17.04, 53.81
CIELCh	78, 56.443, 107.574
Yxy	52.8889, 0.3869, 0.4632
Android (android.graphics.Color)	4290889560 (0xFFC1C758)
YUV	184.5520, -47.6001, 7.4089
Hunter-Lab	72.7247, -18.8371, 36.9559

Details

The Hex color **C1C758** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **5E58C7**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FBFF8D**, and **899122** is the 20% darker color. If you saturate the color by 10%, you get **C0C744**, and if you desaturate by 10%, it is **C2C76C**.

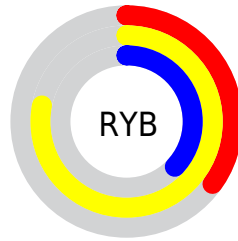
Distribution



Red (76%)

Green (78%)

Blue (35%)



Red (35%)

Yellow (78%)

Blue (37%)

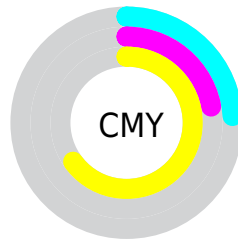


Cyan (3%)

Magenta (0%)

Yellow (56%)

Black (22%)



Cyan (24%)

Magenta (22%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1C758 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 C1C758 by changing the saturation by 10% instead.

 C1C758

 C1C758

FFFFFF

 A5AC3E

 FBFF8D

 899122

 FFFFA9

 6E7800

 FFFFC5

 535F00

 FFFFE1

 3A4700

 203100

 001D00

 000000

 C1C758

 C1C758

 C0C744

 C2C76C

 BFC730

 C3C780

 BEC71C

 C4C794

 BDC708

 C5C7A8

 BCC700

 C6C7BC

 C7C7CF

 C9C7E3

 CAC7F7

 CBC7FF

Harmonies

Analogous

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



F2B658



C1C758



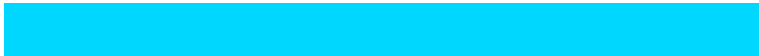
85D377

Triad

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



C1C758



00D7FF



FF96D8

Complementary

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



C1C758



5E58C7

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.



EBA6FF



C1C758



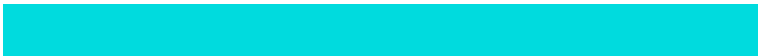
00CCFF

Square

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



C1C758



00DBDE



A0BBFF



FF95A3

Rectangle

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



C1C758



4ED896



A0BBFF



FF9BE9

Sweetspot

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



C1C758



FDFFD4



C75E58



7E8066



000000



808080

Same Dimension

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



C1C758



F6FF54



8AC758



63635A



9AA300



222400

Inverse Universe

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



5E58C7



5D54FF



9558C7



5A5A63



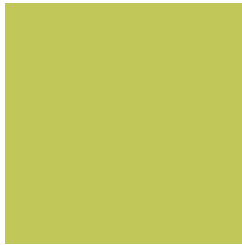
0900A3



020024

Previews

White Background



This preview shows how the Hex color C1C758 looks on a white background.

Color Contrast Check

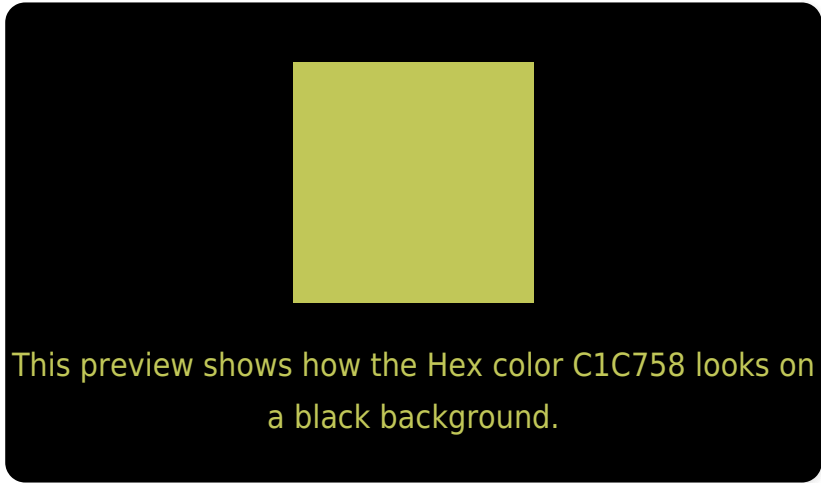
Large Text (above 18pt) WCAG AA × Fail

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

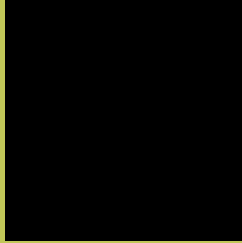
Any Text WCAG AA ✓ Pass

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 C1C758 Background



This preview shows how black text looks on a background with the Hex color C1C758.

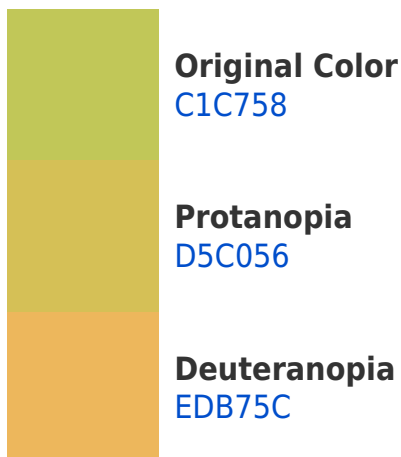


This preview shows how white text looks on a background with the Hex color C1C758.

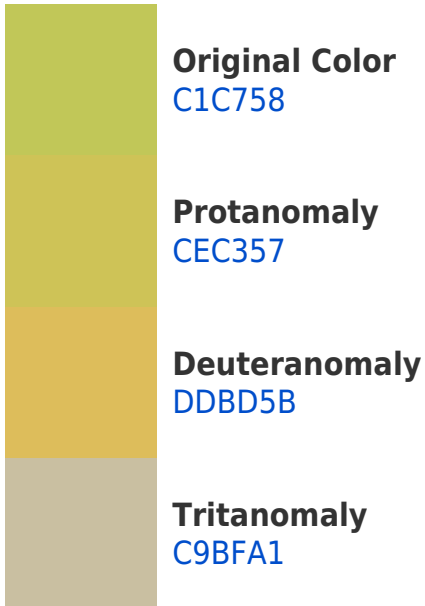
Color Blindness Simulation

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](#).

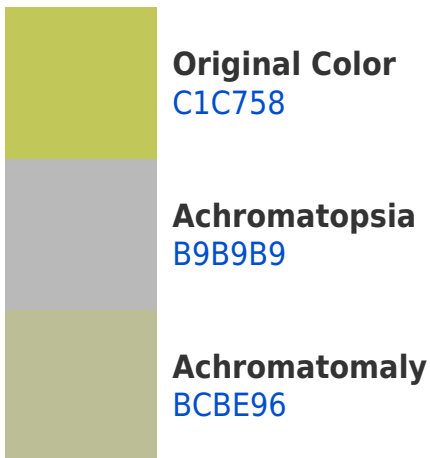
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C1C758 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 #C1C758 looks like.

```
.text, #text, p{  
    color:#C1C758  
}
```

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 #C1C758 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1C758
}
```

Border

The CSS property to change the border of an element to Hex C1C758 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
#C1C758 }
```

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

```
.border{ border-color:#C1C758 }
```

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

Here you see how a box with a 4 pixel #C1C758 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1C758; -webkit-box-shadow:4px 4px  
4px 4px #C1C758; box-shadow:4px 4px 4px  
4px #C1C758 }
```

Background

The CSS property to change the background color of an element to Hex C1C758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1C758 }
```

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

```
.background{ background-color:#C1C758 }
```

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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