

Converting Colors

Hex(7CC158)

Have a look what the booklet for
Hex(7CC158) contains.

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Color

Hex(7CC158)

Conversions

Conversions Part 1

Format	Color
Hex	7CC158
RGB	124, 193, 88
RGB Percent	49%, 76%, 35%
CMY	0.5137, 0.2431, 0.6549
CMYK	0.36, 0.00, 0.54, 0.24
HSL	99°, 46%, 55%
HSV	99°, 54%, 76%
XYZ	29.1436, 43.1296, 16.0213
YIQ	160.3990, -7.4190, -47.2830

Conversions

Conversions Part 2

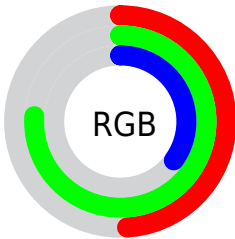
Format	Color
RYB	88, 193, 157
Decimal	8175960
CIELab	71.64, -40.61, 45.52
CIELCh	72, 61.003, 131.736
Yxy	43.1296, 0.3301, 0.4885
Android (android.graphics.Color)	4286366040 (0xFF7CC158)
YUV	160.3990, -35.6927, -31.9219
Hunter-Lab	65.6731, -35.7155, 31.5071

Details

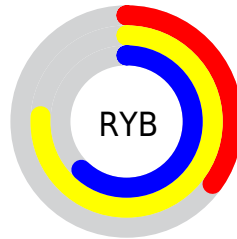
The Hex color **7CC158** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **9D58C1**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B4FA8D**, and **458B24** is the 20% darker color. If you saturate the color by 10%, you get **6FC145**, and if you desaturate by 10%, it is **89C16B**.

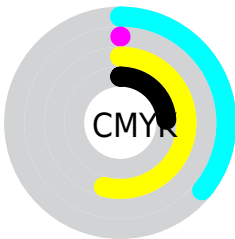
Distribution



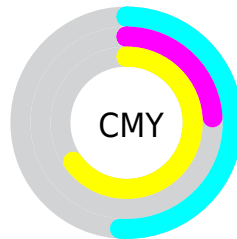
- Red (49%)
- Green (76%)
- Blue (35%)



- Red (35%)
- Yellow (76%)
- Blue (62%)



- Cyan (36%)
- Magenta (0%)
- Yellow (54%)
- Black (24%)



- Cyan (51%)
- Magenta (24%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CC158 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 7CC158 by changing the saturation by 10% instead.

 7CC158

 7CC158

FFFFFF

 61A63E

 B4FA8D

 458B24

 D0FFA8

 297104

 EEFFC4

 025800

 FFFF00

 004000

FFFFFFD

 002A00

 000B00

 000000

 7CC158

 7CC158

 6FC145

 89C16B

 63C131

 95C17F

 56C11E

 A2C192

 49C10B

 AFC1A5

 42C100

 BBC1B9

 C8C1CC

 D5C1DF

 E1C1F2

 EEC1FF

Harmonies

Analogous

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



B9B43A



7CC158



00C98B

Triad

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



7CC158



00BFFF



FF7E9C

Complementary

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



7CC158



9D58C1

Split Complementary

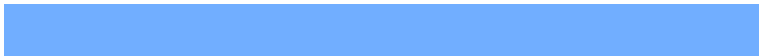
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF83D4



7CC158



71AEFF

Square

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



7CC158



00C8F8



CF98FF



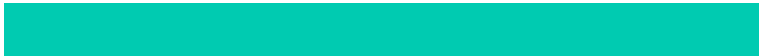
FF8B68

Rectangle

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



7CC158



00CBB1



CF98FF



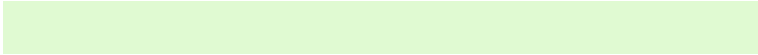
FF7DAF

Sweetspot

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



7CC158



E0FAD2



C19C58



6D7D65



FCFCFC



7D7D7D

Same Dimension

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



7CC158



8FFA57



58C168



5B6157



37A100



0B2100

Inverse Universe

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



9D58C1



C257FA



C158B1



5E5761



6A00A1



160021

Previews

White Background



This preview shows how the Hex color 7CC158 looks on a white background.

Color Contrast Check

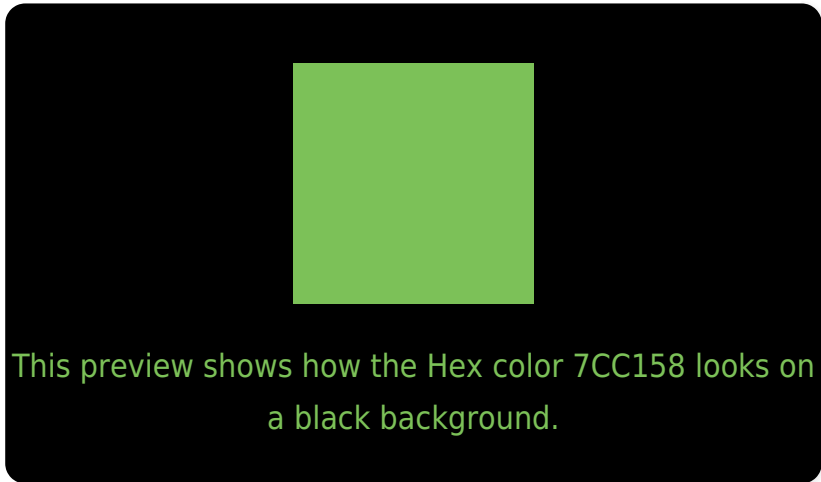
Large Text (above 18pt) WCAG AA × Fail

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 7CC158 Background



This preview shows how black text looks on a background with the Hex color 7CC158.

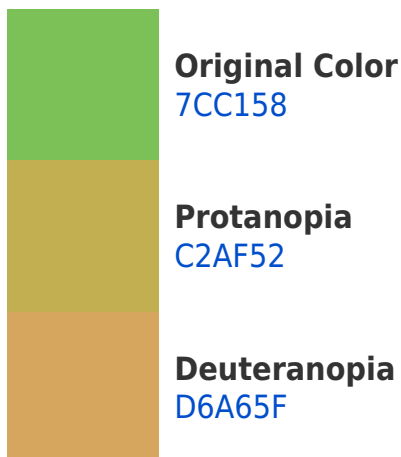


This preview shows how white text looks on a background with the Hex color 7CC158.

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](#).

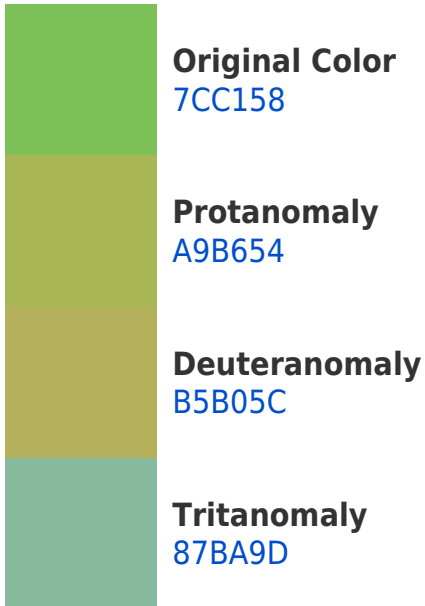
Dichromacy



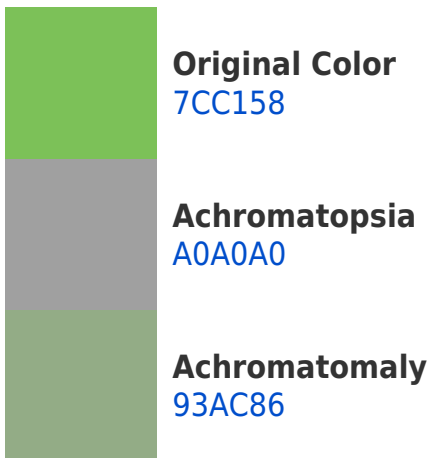


Tritanopia
8DB6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7CC158 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 #7CC158 looks like.

```
.text, #text, p{  
    color:#7CC158  
}
```

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 #7CC158 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CC158
}
```

Border

The CSS property to change the border of an element to Hex 7CC158 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
#7CC158 }
```

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

```
.border{ border-color:#7CC158 }
```

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

Here you see how a box with a 4 pixel #7CC158 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CC158; -webkit-box-shadow:4px 4px  
4px 4px #7CC158; box-shadow:4px 4px 4px  
4px #7CC158 }
```

Background

The CSS property to change the background color of an element to Hex 7CC158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CC158 }
```

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

```
.background{ background-color:#7CC158 }
```

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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