

Converting Colors

Hex(67C598)

Have a look what the booklet for
Hex(67C598) contains.

Hex(67C598)	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(67C598)

Conversions

Conversions Part 1

Format	Color
Hex	67C598
RGB	103, 197, 152
RGB Percent	40%, 77%, 60%
CMY	0.5961, 0.2275, 0.4039
CMYK	0.48, 0.00, 0.23, 0.23
HSL	151°, 45%, 59%
HSV	151°, 48%, 77%
XYZ	31.2273, 45.0831, 36.7618
YIQ	163.7640, -41.5790, -33.9230

Conversions

Conversions Part 2

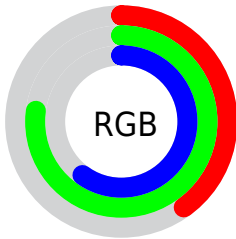
Format	Color
RYB	103, 165, 197
Decimal	6800792
CIELab	72.95, -38.38, 14.09
CIELCh	73, 40.883, 159.838
Yxy	45.0831, 0.2762, 0.3987
Android (android.graphics.Color)	4284990872 (0xFF67C598)
YUV	163.7640, -5.7997, -53.2900
Hunter-Lab	67.1439, -34.4852, 14.5390

Details

The Hex color **67C598** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C56794**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **9FFECE**, and **2D8F65** is the 20% darker color. If you saturate the color by 10%, you get **53C58F**, and if you desaturate by 10%, it is **7BC5A1**.

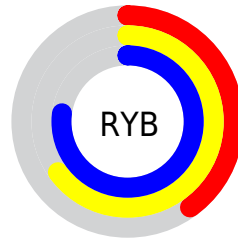
Distribution



Red (40%)

Green (77%)

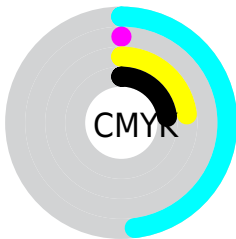
Blue (60%)



Red (40%)

Yellow (65%)

Blue (77%)

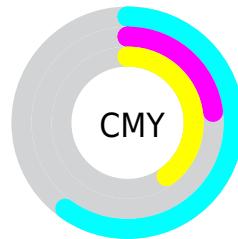


Cyan (48%)

Magenta (0%)

Yellow (23%)

Black (23%)



Cyan (60%)

Magenta (23%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67C598 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 67C598 by changing the saturation by 10% instead.

 67C598

 67C598

FFFFFF

 4BA97E

 9FFECE

 2D8F65

 BBFFEB

 00744D

 D8FFFF

 005B36

 F6FFFF

 004320

 002C0A

 001200

 000000

 67C598

 67C598

 53C58F

 7BC5A1

 40C585

 8EC5AB

 2CC57C

 A2C5B4

 18C572

 B6C5BE

 05C569

 CAC5C7

 00C567

 DDC5D1

 F1C5DA

 FFC5E3

 FFC5ED

Harmonies

Analogous

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



96BF78



67C598



29C7BF

Triad

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



67C598



90B3FC



F69C85

Complementary

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



67C598



C56794

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.



FB96A8



67C598



C7A5ED

Square

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



67C598



4BBEF9



EC99CE



E1A86D

Rectangle

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



67C598



00C6D7



EC99CE



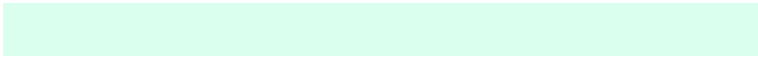
FA9990

Sweetspot

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



67C598



DBFFEE



94C567



6A8075



000000



808080

Same Dimension

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



67C598



6EFFB9



67C3C5



5A635F



00A355



002413

Inverse Universe

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



C56794



FF6EB3



C56967



635A5E



A3004E



240011

Previews

White Background



This preview shows how the Hex color 67C598 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 67C598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

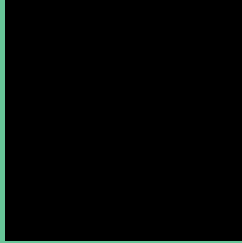
Any Text WCAG AA ✓ Pass

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 67C598 Background



This preview shows how black text looks on a background with the Hex color 67C598.

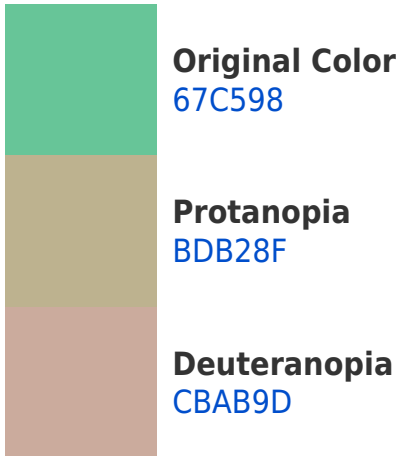


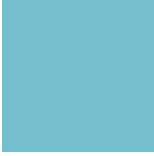
This preview shows how white text looks on a background with the Hex color 67C598.

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
75BECD

Trichromacy



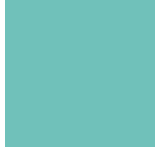
Original Color
67C598



Protanomaly
9EB992



Deuteranomaly
A7B49B



Tritanomaly
70C1BA

Monochromacy



Original Color
67C598



Achromatopsia
A4A4A4



Achromatomaly
8EB0A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 67C598 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 #67C598 looks like.

```
.text, #text, p{  
    color:#67C598  
}
```

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 #67C598 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67C598
}
```

Border

The CSS property to change the border of an element to Hex 67C598 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
#67C598 }
```

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

```
.border{ border-color:#67C598 }
```

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

Here you see how a box with a 4 pixel #67C598 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67C598; -webkit-box-shadow:4px 4px  
4px 4px #67C598; box-shadow:4px 4px 4px  
4px #67C598 }
```

Background

The CSS property to change the background color of an element to Hex 67C598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67C598 }
```

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

```
.background{ background-color:#67C598 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor