

Converting Colors

Hex(67CB80)

Have a look what the booklet for
Hex(67CB80) contains.

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Color

Hex(67CB80)

Conversions

Conversions Part 1

Format	Color
Hex	67CB80
RGB	103, 203, 128
RGB Percent	40%, 80%, 50%
CMY	0.5961, 0.2039, 0.4980
CMYK	0.49, 0.00, 0.37, 0.20
HSL	135°, 49%, 60%
HSV	135°, 49%, 80%
XYZ	30.8457, 47.1539, 27.8980
YIQ	164.5500, -35.5250, -44.5250

Conversions

Conversions Part 2

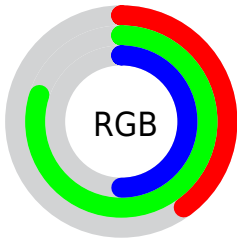
Format	Color
RYB	103, 183, 203
Decimal	6802304
CIELab	74.29, -45.57, 28.64
CIELCh	74, 53.824, 147.851
Yxy	47.1539, 0.2913, 0.4453
Android (android.graphics.Color)	4284992384 (0xFF67CB80)
YUV	164.5500, -18.0191, -53.9793
Hunter-Lab	68.6687, -39.9888, 23.9804

Details

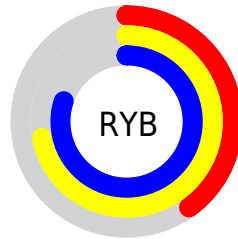
The Hex color **67CB80** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **CB67B2**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **A0FFB5**, and **2B944E** is the 20% darker color. If you saturate the color by 10%, you get **53CB71**, and if you desaturate by 10%, it is **7BCB8F**.

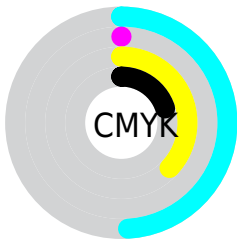
Distribution



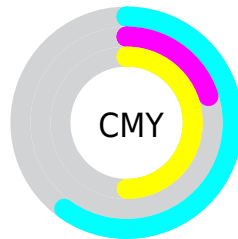
- Red (40%)
- Green (80%)
- Blue (50%)



- Red (40%)
- Yellow (72%)
- Blue (80%)



- Cyan (49%)
- Magenta (0%)
- Yellow (37%)
- Black (20%)



- Cyan (60%)
- Magenta (20%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67CB80 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 67CB80 by changing the saturation by 10% instead.

 67CB80

 67CB80

FFFFFF

 4AAF66

 A0FFB5

 2B944E

 BCFFD1

 007A36

 D9FFEE

 00601F

 F7FFFF

 004707

 003000

 001800

 000000

 67CB80

 67CB80

 53CB71

 7BCB8F

 3ECB62

 90CB9E

 2ACB52

 A4CBAE

 16CB43

 B8CBBD

 02CB34

 CDCBCC

 00CB33

 E1CBDB

 F5CBEB

 FFCBFA

 FFCBFF

Harmonies

Analogous

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



A5C15C



67CB80



00CFB1

Triad

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



67CB80



51BDFE



FF918B

Complementary

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



67CB80



CB67B2

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.



FF8DBC



67CB80



B4ABFF

Square

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



67CB80



00C9FF



F098EC



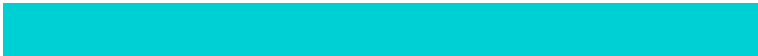
FDA164

Rectangle

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



67CB80



00D0D3



F098EC



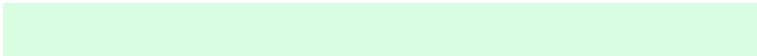
FF8E9B

Sweetspot

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



67CB80



D9FFE2



B2CB67



69806E



000000



808080

Same Dimension

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



67CB80



69FF8E



67CBB2



5C665E



00A629



00260A

Inverse Universe

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



CB67B2



FF69D9



CB6780



665C63



A6007C



26001D

Previews

White Background



This preview shows how the Hex color 67CB80 looks on a white background.

Color Contrast Check

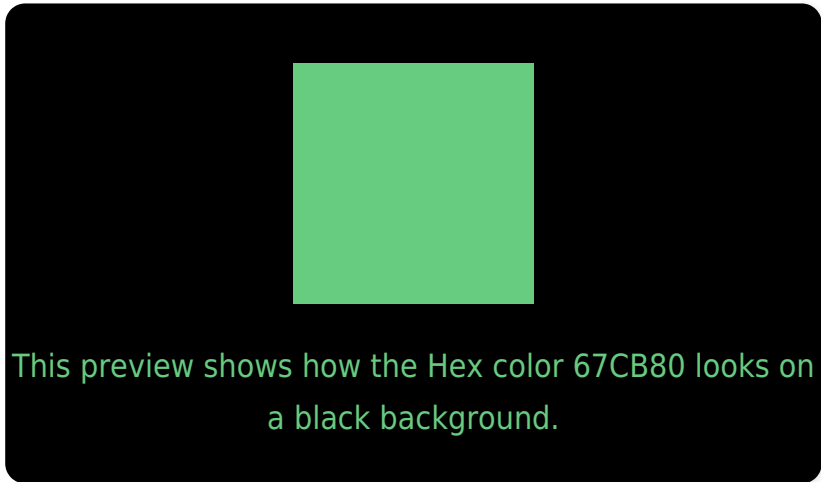
Large Text (above 18pt) WCAG AA × Fail

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

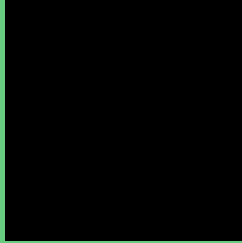
Any Text WCAG AA ✓ Pass

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 67CB80 Background



This preview shows how black text looks on a background with the Hex color 67CB80.

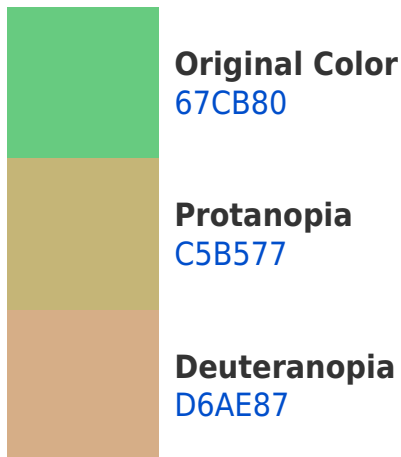


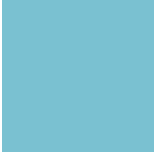
This preview shows how white text looks on a background with the Hex color 67CB80.

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
7AC1D1

Trichromacy



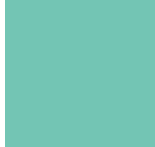
Original Color
67CB80



Protanomaly
A3BD7A



Deuteranomaly
AEB984



Tritanomaly
73C5B4

Monochromacy



Original Color
67CB80



Achromatopsia
A5A5A5



Achromatomaly
8EB398

CSS Examples

Text

The CSS property to change the color of the text to Hex 67CB80 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 #67CB80 looks like.

```
.text, #text, p{  
    color:#67CB80  
}
```

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 #67CB80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67CB80
}
```

Border

The CSS property to change the border of an element to Hex 67CB80 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
#67CB80 }
```

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

```
.border{ border-color:#67CB80 }
```

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

Here you see how a box with a 4 pixel #67CB80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67CB80; -webkit-box-shadow:4px 4px  
4px 4px #67CB80; box-shadow:4px 4px 4px  
4px #67CB80 }
```

Background

The CSS property to change the background color of an element to Hex 67CB80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67CB80 }
```

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

```
.background{ background-color:#67CB80 }
```

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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