

Converting Colors

Hex(67C2BF)

Have a look what the booklet for
Hex(67C2BF) contains.

Hex(67C2BF)	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(67C2BF)

Conversions

Conversions Part 1

Format	Color
Hex	67C2BF
RGB	103, 194, 191
RGB Percent	40%, 76%, 75%
CMY	0.5961, 0.2392, 0.2510
CMYK	0.47, 0.00, 0.02, 0.24
HSL	178°, 43%, 58%
HSV	178°, 47%, 76%
XYZ	34.2893, 45.2287, 56.2130
YIQ	166.4490, -53.2730, -20.2250

Conversions

Conversions Part 2

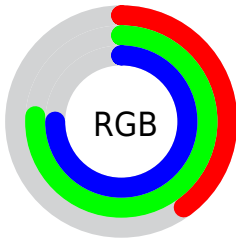
Format	Color
R _{YB}	103, 149, 194
Decimal	6800063
CIE _{Lab}	73.04, -27.86, -6.92
CIE _{LCh}	73, 28.710, 193.952
Yxy	45.2287, 0.2526, 0.3332
Android (android.graphics.Color)	4284990143 (0xFF67C2BF)
YUV	166.4490, 12.1036, -55.6448
Hunter-Lab	67.2523, -26.6815, -2.4811

Details

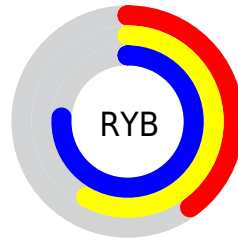
The Hex color **67C2BF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C2676A**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A0FBF7**, and **2B8C8A** is the 20% darker color. If you saturate the color by 10%, you get **54C2BE**, and if you desaturate by 10%, it is **7AC2C0**.

Distribution



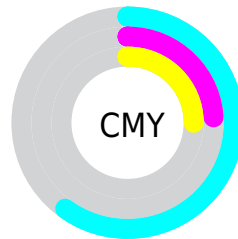
- Red (40%)
- Green (76%)
- Blue (75%)



- Red (40%)
- Yellow (58%)
- Blue (76%)



- Cyan (47%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)



- Cyan (60%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67C2BF 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 67C2BF by changing the saturation by 10% instead.

 67C2BF

 67C2BF

FFFFFF

 4AA7A4

 A0FBF7

 2B8C8A

 BDFFFF

 007270

 DAFFFF

 005958

 F7FFFF

 004141

 002B2B

 001317

 000000

 67C2BF

 67C2BF

■ 54C2BE

■ 7AC2C0

■ 40C2BE

■ 8EC2C0

■ 2DC2BD

■ A1C2C1

■ 19C2BC

■ B5C2C2

■ 06C2BC

■ C8C2C2

■ 00C2BC

■ DBC2C3

■ EFC2C3

■ FFC2C4

■ FFC2C5

Harmonies

Analogous

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



7EC1A4



67C2BF



65C0D7

Triad

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



67C2BF



C6A8D9



D3AD81

Complementary

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



67C2BF



C2676A

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.



E4A590



67C2BF



DFA2C3

Square

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



67C2BF



A4B2E6



E8A0A8



BAB680

Rectangle

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



67C2BF



74BCE2



E8A0A8



DAAA85

Sweetspot

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



67C2BF



D9FCFB



6AC267



6A807F



000000



808080

Same Dimension

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



67C2BF



6FFCF8



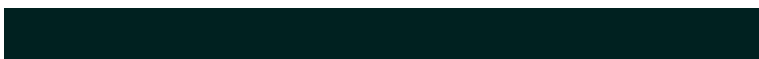
6798C2



576161



00A19B



002120

Inverse Universe

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



C2676A



FC6F74



C29167



615758



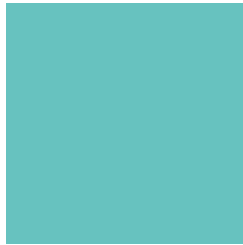
A10005



210001

Previews

White Background



This preview shows how the Hex color 67C2BF 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 67C2BF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

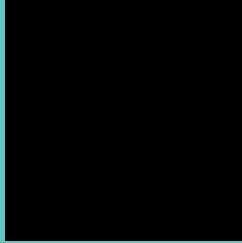
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

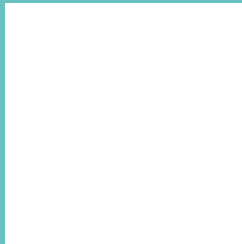
Any Text WCAG AAA ✓ Pass

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

Hex 67C2BF Background



This preview shows how black text looks on a background with the Hex color 67C2BF.

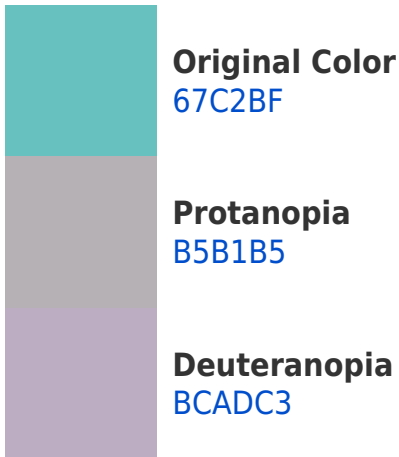


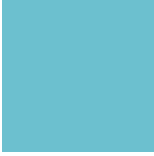
This preview shows how white text looks on a background with the Hex color 67C2BF.

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
6CC0CF

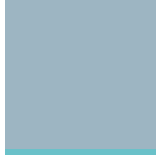
Trichromacy



Original Color
67C2BF



Protanomaly
99B7B9



Deuteranomaly
9DB5C2

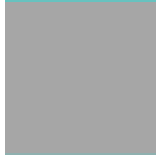


Tritanomaly
6AC1C9

Monochromacy



Original Color
67C2BF



Achromatopsia
A6A6A6



Achromatomaly
8FB0AF

CSS Examples

Text

The CSS property to change the color of the text to Hex 67C2BF 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 #67C2BF looks like.

```
.text, #text, p{  
    color:#67C2BF  
}
```

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 #67C2BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67C2BF
}
```

Border

The CSS property to change the border of an element to Hex 67C2BF 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
#67C2BF }
```

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

```
.border{ border-color:#67C2BF }
```

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

Here you see how a box with a 4 pixel #67C2BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67C2BF; -webkit-box-shadow:4px 4px  
4px 4px #67C2BF; box-shadow:4px 4px 4px  
4px #67C2BF }
```

Background

The CSS property to change the background color of an element to Hex 67C2BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67C2BF }
```

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

```
.background{ background-color:#67C2BF }
```

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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