

Converting Colors

Hex(67BDC3)

Have a look what the booklet for
Hex(67BDC3) contains.

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Color

Hex(67BDC3)

Conversions

Conversions Part 1

Format	Color
Hex	67BDC3
RGB	103, 189, 195
RGB Percent	40%, 74%, 76%
CMY	0.5961, 0.2588, 0.2353
CMYK	0.47, 0.03, 0.00, 0.24
HSL	184°, 43%, 58%
HSV	184°, 47%, 76%
XYZ	33.6414, 43.2189, 58.1987
YIQ	163.9700, -53.1820, -16.3660

Conversions

Conversions Part 2

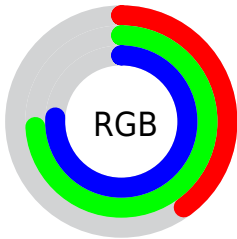
Format	Color
RYB	103, 147, 195
Decimal	6798787
CIELab	71.70, -24.35, -11.10
CIELCh	72, 26.758, 204.505
Yxy	43.2189, 0.2491, 0.3200
Android (android.graphics.Color)	4284988867 (0xFF67BDC3)
YUV	163.9700, 15.2978, -53.4707
Hunter-Lab	65.7411, -23.7037, -6.4690

Details

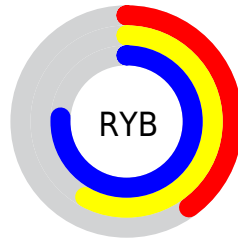
The Hex color **67BDC3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C36D67**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **A0F6FC**, and **2B878D** is the 20% darker color. If you saturate the color by 10%, you get **54BCC3**, and if you desaturate by 10%, it is **7ABEC3**.

Distribution



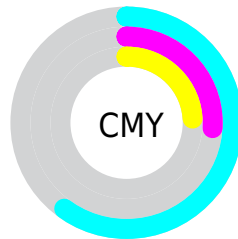
- Red (40%)
- Green (74%)
- Blue (76%)



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



- Cyan (47%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (60%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67BDC3 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 67BDC3 by changing the saturation by 10% instead.

 67BDC3

 67BDC3

FFFFFF

 4AA2A8

 A0F6FC

 2B878D

 BCFFFF

 006E74

 DAFFFF

 00555B

 F7FFFF

 003E44

 00272E

 000D19

 000000

 67BDC3

 67BDC3

■ 54BCC3

■ 7ABEC3

■ 40BAC3

■ 8EC0C3

■ 2CB9C3

■ A2C1C3

■ 19B8C3

■ B5C2C3

■ 06B7C3

■ C9C3C3

■ 00B6C3

■ DCC5C3

■ F0C6C3

■ FFC7C3

■ FFC8C3

Harmonies

Analogous

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



76BDAA



67BDC3



6FBAD7

Triad

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



67BDC3



CBA3CC



C6AD7F

Complementary

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



67BDC3



C36D67

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.



D9A589



67BDC3



DD9EB5

Square

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



67BDC3



ADABDC



E19F9D



ACB483

Rectangle

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



67BDC3



80B6DE



E19F9D



CDAA81

Sweetspot

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



67BDC3



D9FAFC



67C36C



6A7E80



000000



808080

Same Dimension

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



67BDC3



6DF3FC



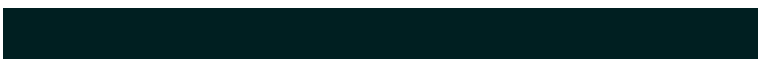
6790C3



576061



0096A1



001F21

Inverse Universe

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



C367BD



FC6DF3



C39A67



615760



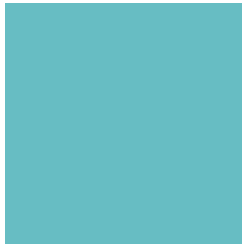
A10096



21001F

Previews

White Background



This preview shows how the Hex color 67BDC3 looks on a white background.

Color Contrast Check

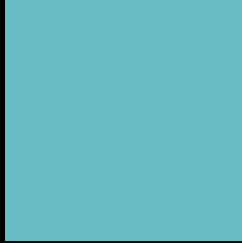
Large Text (above 18pt) WCAG AA × Fail

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 67BDC3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

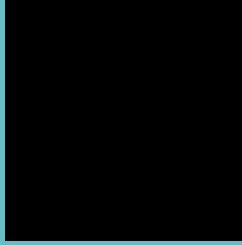
Any Text WCAG AA ✓ Pass

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 67BDC3 Background



This preview shows how black text looks on a background with the Hex color 67BDC3.

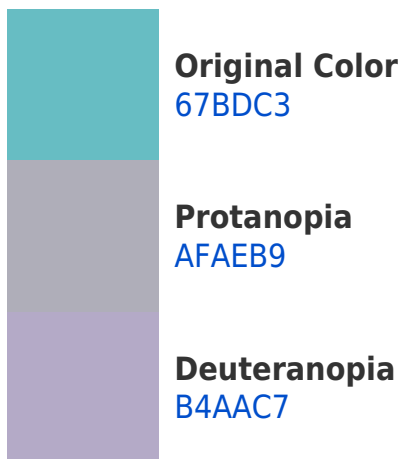


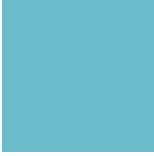
This preview shows how white text looks on a background with the Hex color 67BDC3.

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



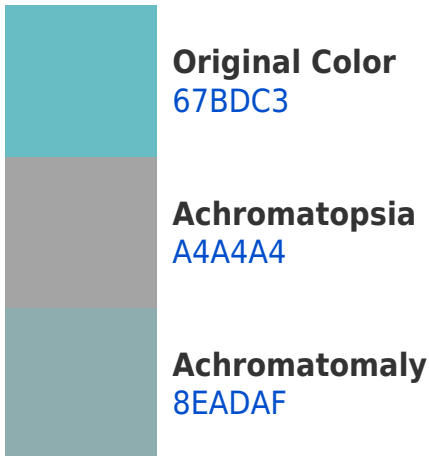


Tritanopia
6ABCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67BDC3 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 #67BDC3 looks like.

```
.text, #text, p{  
    color:#67BDC3  
}
```

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 #67BDC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67BDC3
}
```

Border

The CSS property to change the border of an element to Hex 67BDC3 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
#67BDC3 }
```

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

```
.border{ border-color:#67BDC3 }
```

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

Here you see how a box with a 4 pixel #67BDC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67BDC3; -webkit-box-shadow:4px 4px  
4px 4px #67BDC3; box-shadow:4px 4px 4px  
4px #67BDC3 }
```

Background

The CSS property to change the background color of an element to Hex 67BDC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67BDC3 }
```

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

```
.background{ background-color:#67BDC3 }
```

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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