

Converting Colors

Hex(67BDD8)

Have a look what the booklet for
Hex(67BDD8) contains.

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Color

Hex(67BDD8)

Conversions

Conversions Part 1

Format	Color
Hex	67BDD8
RGB	103, 189, 216
RGB Percent	40%, 74%, 85%
CMY	0.5961, 0.2588, 0.1529
CMYK	0.52, 0.12, 0.00, 0.15
HSL	194°, 59%, 63%
HSV	194°, 52%, 85%
XYZ	36.1858, 44.2366, 71.5971
YIQ	166.3640, -59.9230, -9.8350

Conversions

Conversions Part 2

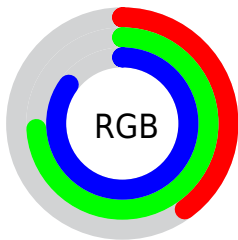
Format	Color
RYB	103, 152, 216
Decimal	6798808
CIELab	72.39, -18.59, -21.53
CIElCh	72, 28.443, 229.185
Yxy	44.2366, 0.2380, 0.2910
Android (android.graphics.Color)	4284988888 (0xFF67BDD8)
YUV	166.3640, 24.4705, -55.5702
Hunter-Lab	66.5106, -19.2788, -17.2668

Details

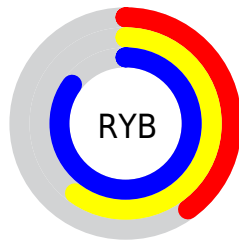
The Hex color **67BDD8** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **D88267**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A1F5FF**, and **2788A1** is the 20% darker color. If you saturate the color by 10%, you get **51B8D8**, and if you desaturate by 10%, it is **7DC2D8**.

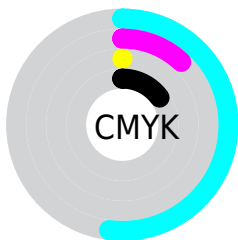
Distribution



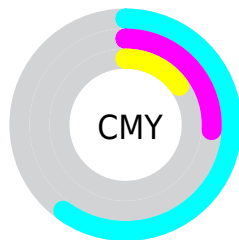
- Red (40%)
- Green (74%)
- Blue (85%)



- Red (40%)
- Yellow (60%)
- Blue (85%)



- Cyan (52%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)



- Cyan (60%)
- Magenta (26%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67BDD8 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 67BDD8 by changing the saturation by 10% instead.

 67BDD8

 67BDD8


FFFFFF

 49A2BC

 A1F5FF

 2788A1

 BEFFFF

 006E87

 DCFFFF

 00566D

 F9FFFF

 003E55

 00283E

 001128

 000112

 000000

■ 67BDD8

■ 67BDD8

■ 51B8D8

■ 7DC2D8

■ 3CB3D8

■ 92C7D8

■ 26AED8

■ A8CCD8

■ 11A8D8

■ BDD2D8

■ 00A4D8

■ D3D7D8

■ E9DCD8

■ FEE1D8

■ FFE6D8

■ FFEBD8

Harmonies

Analogous

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



64C0C2



67BDD8



83B7E4

Triad

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



67BDD8



DF9FBC



B3B580

Complementary

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



67BDD8



D88267

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.



CDAD7F



67BDD8



E69FA2

Square

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



67BDD8



CAA5D4



DFA48B



95BC8F

Rectangle

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



67BDD8



9CB1E4



DFA48B



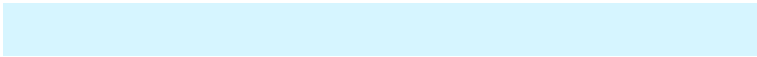
BCB27E

Sweetspot

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



67BDD8



D6F5FF



67D881



677A80



000000



808080

Same Dimension

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



67BDD8



5ED9FF



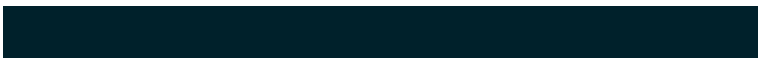
6785D8



60696B



0082AB



00212B

Inverse Universe

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



D867BD



FF5ED9



D8BA67



6B6069



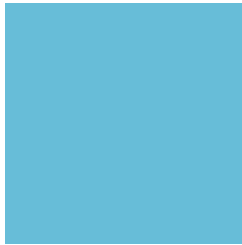
AB0082



2B0021

Previews

White Background



This preview shows how the Hex color 67BDD8 looks on a white background.

Color Contrast Check

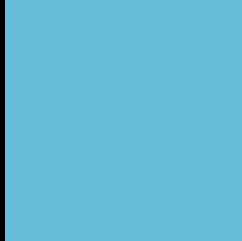
Large Text (above 18pt) WCAG AA × Fail

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 67BDD8 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 67BDD8 Background



This preview shows how black text looks on a background with the Hex color 67BDD8.

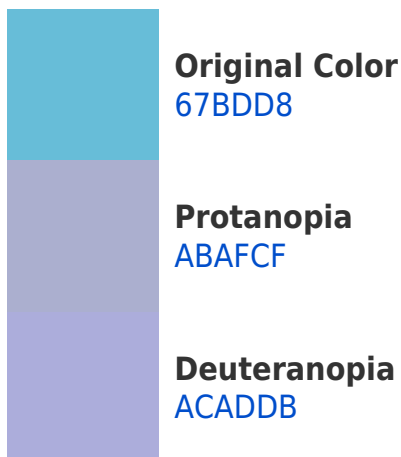


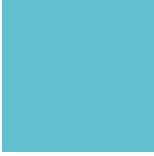
This preview shows how white text looks on a background with the Hex color 67BDD8.

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](#).

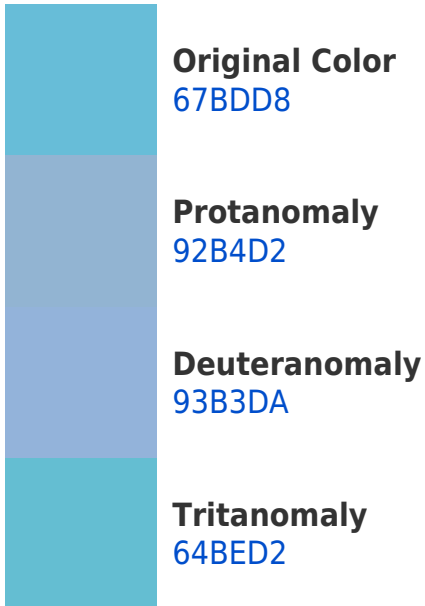
Dichromacy



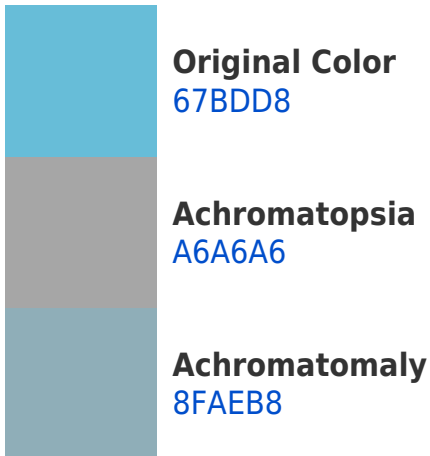


Tritanopia
63BFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67BDD8 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 #67BDD8 looks like.

```
.text, #text, p{  
    color:#67BDD8  
}
```

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 #67BDD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67BDD8  
}
```

Border

The CSS property to change the border of an element to Hex 67BDD8 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  
#67BDD8 }
```

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

```
.border{ border-color:#67BDD8 }
```

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

Here you see how a box with a 4 pixel #67BDD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67BDD8; -webkit-box-shadow:4px 4px  
4px 4px #67BDD8; box-shadow:4px 4px 4px  
4px #67BDD8 }
```

Background

The CSS property to change the background color of an element to Hex 67BDD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67BDD8 }
```

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

```
.background{ background-color:#67BDD8 }
```

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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