

Converting Colors

Hex(67BBD8)

Have a look what the booklet for
Hex(67BBD8) contains.

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Color

Hex(67BBD8)

Conversions

Conversions Part 1

Format	Color
Hex	67BBD8
RGB	103, 187, 216
RGB Percent	40%, 73%, 85%
CMY	0.5961, 0.2667, 0.1529
CMYK	0.52, 0.13, 0.00, 0.15
HSL	195°, 59%, 63%
HSV	195°, 52%, 85%
XYZ	35.7585, 43.3821, 71.4547
YIQ	165.1900, -59.3730, -8.7890

Conversions

Conversions Part 2

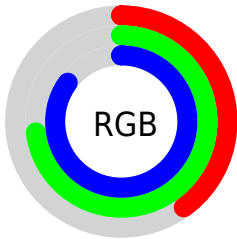
Format	Color
RYB	103, 151, 216
Decimal	6798296
CIELab	71.81, -17.55, -22.40
CIElCh	72, 28.458, 231.914
Yxy	43.3821, 0.2374, 0.2881
Android (android.graphics.Color)	4284988376 (0xFF67BBD8)
YUV	165.1900, 25.0493, -54.5406
Hunter-Lab	65.8651, -18.3552, -18.2160

Details

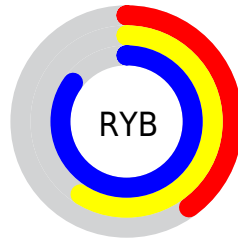
The Hex color **67BBD8** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **D88467**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **A1F3FF**, and **2786A1** is the 20% darker color. If you saturate the color by 10%, you get **51B5D8**, and if you desaturate by 10%, it is **7DC1D8**.

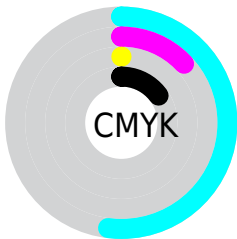
Distribution



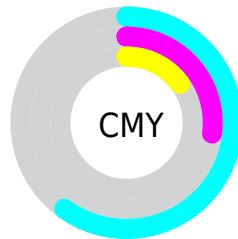
- Red (40%)
- Green (73%)
- Blue (85%)



- Red (40%)
- Yellow (59%)
- Blue (85%)



- Cyan (52%)
- Magenta (13%)
- Yellow (0%)
- Black (15%)



- Cyan (60%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67BBD8 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 67BBD8 by changing the saturation by 10% instead.

67BBD8

67BBD8

FFFFFF

49A0BC

A1F3FF

2786A1

BEFFFF

006C87

DBFFFF

00546D

F9FFFF

003D55

00273E

000F28

000112

000000

■ 67BBD8

■ 67BBD8

■ 51B5D8

■ 7DC1D8

■ 3CB0D8

■ 92C6D8

■ 26AAD8

■ A8CCD8

■ 11A5D8

■ BDD1D8

■ 00A1D8

■ D3D7D8

■ E9DCD8

■ FEE2D8

■ FFE7D8

■ FFEDD8

Harmonies

Analogous

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



61BEC2



67BBD8



85B5E3

Triad

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



67BBD8



DF9DB8



AFB47F

Complementary

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



67BBD8



D88467

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.



C9AC7D



67BBD8



E49E9E

Square

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



67BBD8



CAA3D0



DCA388



91BB8F

Rectangle

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



67BBD8



9EAFE2



DCA388



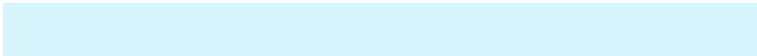
B8B27D

Sweetspot

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



67BBD8



D6F5FF



67D883



677980



000000



808080

Same Dimension

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



67BBD8



5ED6FF



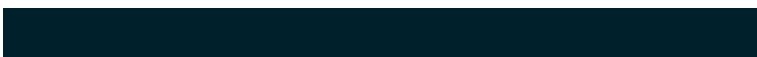
6783D8



60686B



007FAB



00202B

Inverse Universe

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



D867BB



FF5ED6



D8BC67



6B6068



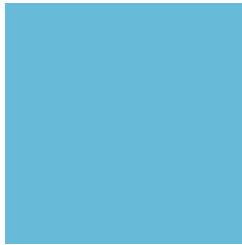
AB007F



2B0020

Previews

White Background



This preview shows how the Hex color 67BBD8 looks on a white background.

Color Contrast Check

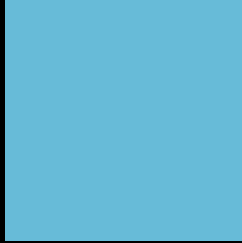
Large Text (above 18pt) WCAG AA × Fail

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 67BBD8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

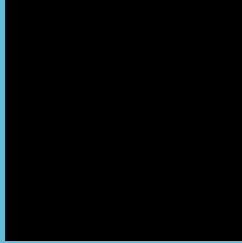
Any Text WCAG AA ✓ Pass

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 67BBD8 Background



This preview shows how black text looks on a background with the Hex color 67BBD8.

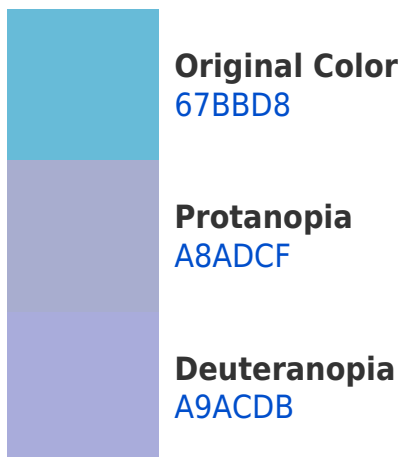


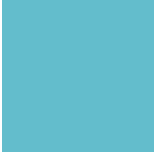
This preview shows how white text looks on a background with the Hex color 67BBD8.

Color Blindness Simulation

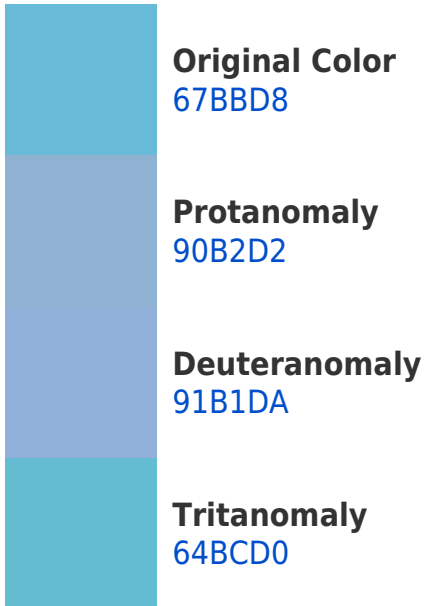
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

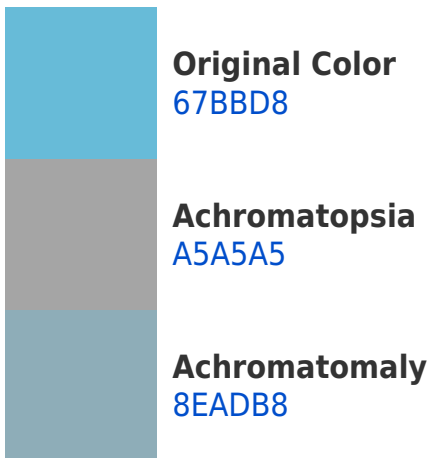




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67BBD8 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 #67BBD8 looks like.

```
.text, #text, p{  
    color:#67BBD8  
}
```

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 #67BBD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67BBD8  
}
```

Border

The CSS property to change the border of an element to Hex 67BBD8 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  
#67BBD8 }
```

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

```
.border{ border-color:#67BBD8 }
```

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

Here you see how a box with a 4 pixel #67BBD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67BBD8; -webkit-box-shadow:4px 4px  
4px 4px #67BBD8; box-shadow:4px 4px 4px  
4px #67BBD8 }
```

Background

The CSS property to change the background color of an element to Hex 67BBD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67BBD8 }
```

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

```
.background{ background-color:#67BBD8 }
```

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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