

Converting Colors

Hex(68BFD0)

Have a look what the booklet for
Hex(68BFD0) contains.

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Color

Hex(68BFD0)

Conversions

Conversions Part 1

Format	Color
Hex	68BFD0
RGB	104, 191, 208
RGB Percent	41%, 75%, 82%
CMY	0.5922, 0.2510, 0.1843
CMYK	0.50, 0.08, 0.00, 0.18
HSL	190°, 53%, 61%
HSV	190°, 50%, 82%
XYZ	35.7249, 44.7587, 66.4309
YIQ	166.9250, -57.3090, -13.1570

Conversions

Conversions Part 2

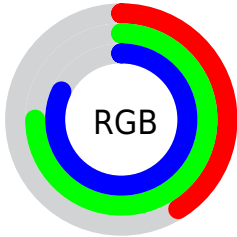
Format	Color
RYB	104, 151, 208
Decimal	6864848
CIELab	72.73, -21.63, -16.64
CIELCh	73, 27.290, 217.575
Yxy	44.7587, 0.2432, 0.3047
Android (android.graphics.Color)	4285054928 (0xFF68BFD0)
YUV	166.9250, 20.2500, -55.1852
Hunter-Lab	66.9020, -21.7615, -12.0412

Details

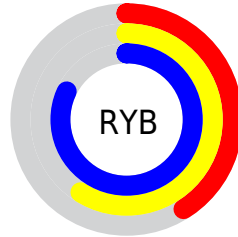
The Hex color **68BFD0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D07968**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A1F8FF**, and **2A899A** is the 20% darker color. If you saturate the color by 10%, you get **53BCD0**, and if you desaturate by 10%, it is **7DC2D0**.

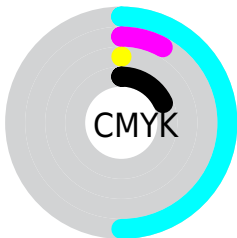
Distribution



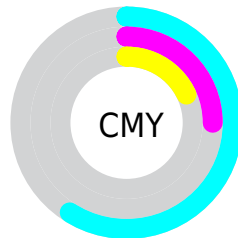
- Red (41%)
- Green (75%)
- Blue (82%)



- Red (41%)
- Yellow (59%)
- Blue (82%)



- Cyan (50%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)



- Cyan (59%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68BFD0 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 68BFD0 by changing the saturation by 10% instead.

 68BFD0

 68BFD0

FFFFFF

 4BA4B4

 A1F8FF

 2A899A

 BEFFFF

 007080

 DCFFFF

 005767

 FAFFFF

 00404F

 002938

 001322

 00000A

 000000

68BFD0

68BFD0

53BCD0

7DC2D0

3EB8D0

92C6D0

2AB5D0

A6C9D0

15B1D0

BBCDD0

00AED0

D0D0D0

E5D3D0

FAD7D0

FFDAD0

FFDED0

Harmonies

Analogous

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



6FC1B8



68BFD0



7BBAE0

Triad

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



68BFD0



D8A3C6



BEB381

Complementary

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



68BFD0



D07968

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.



D5AA85



68BFD0



E4A0AD

Square

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



68BFD0



BEAADA



E3A395



A3BA8A

Rectangle

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



68BFD0



90B5E4



E3A395



C7B081

Sweetspot

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



68BFD0



D9F9FF



68D078



697C80



000000



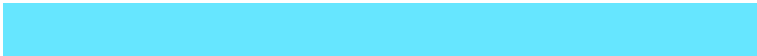
808080

Same Dimension

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



68BFD0



66E6FF



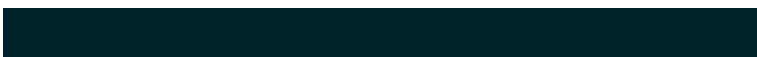
688CD0



5E6769



008DA8



002229

Inverse Universe

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



D068BF



FF66E6



D0AC68



695E67



A8008D



290022

Previews

White Background



This preview shows how the Hex color 68BFD0 looks on a white background.

Color Contrast Check

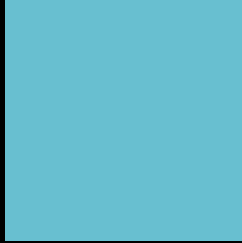
Large Text (above 18pt) WCAG AA × Fail

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 68BFD0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

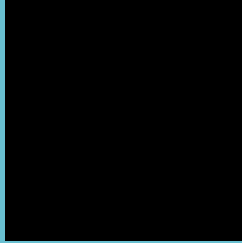
Any Text WCAG AA ✓ Pass

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 68BFD0 Background



This preview shows how black text looks on a background with the Hex color 68BFD0.

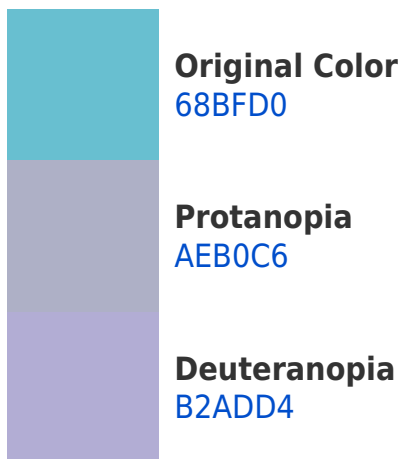


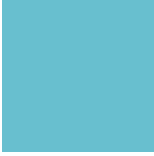
This preview shows how white text looks on a background with the Hex color 68BFD0.

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](#).

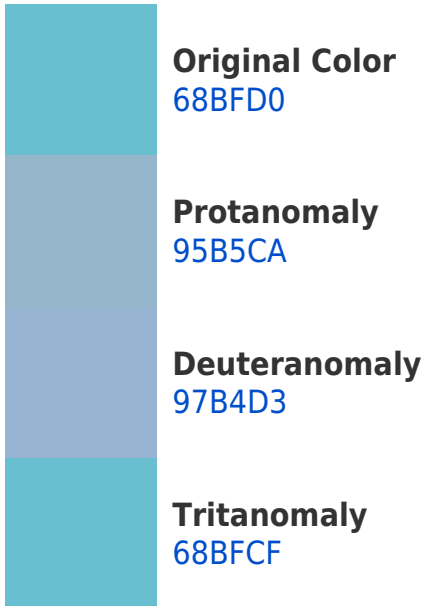
Dichromacy





Tritanopia
68BFCF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68BFD0 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 #68BFD0 looks like.

```
.text, #text, p{  
    color:#68BFD0  
}
```

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 #68BFD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68BFD0  
}
```

Border

The CSS property to change the border of an element to Hex 68BFD0 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  
#68BFD0 }
```

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

```
.border{ border-color:#68BFD0 }
```

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

Here you see how a box with a 4 pixel #68BFD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68BFD0; -webkit-box-shadow:4px 4px  
4px 4px #68BFD0; box-shadow:4px 4px 4px  
4px #68BFD0 }
```

Background

The CSS property to change the background color of an element to Hex 68BFD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68BFD0 }
```

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

```
.background{ background-color:#68BFD0 }
```

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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