

Converting Colors

Hex(68B9CD)

Have a look what the booklet for
Hex(68B9CD) contains.

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Color

Hex(68B9CD)

Conversions

Conversions Part 1

Format	Color
Hex	68B9CD
RGB	104, 185, 205
RGB Percent	41%, 73%, 80%
CMY	0.5922, 0.2745, 0.1961
CMYK	0.49, 0.10, 0.00, 0.20
HSL	192°, 50%, 61%
HSV	192°, 49%, 80%
XYZ	34.0773, 42.0488, 64.0778
YIQ	163.0610, -54.6960, -10.9520

Conversions

Conversions Part 2

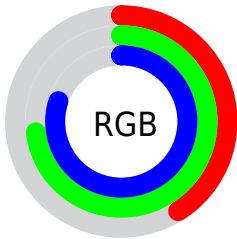
Format	Color
RYB	104, 149, 205
Decimal	6863309
CIELab	70.90, -19.38, -17.77
CIELCh	71, 26.294, 222.508
Yxy	42.0488, 0.2431, 0.2999
Android (android.graphics.Color)	4285053389 (0xFF68B9CD)
YUV	163.0610, 20.6759, -51.7965
Hunter-Lab	64.8450, -19.6735, -13.1970

Details

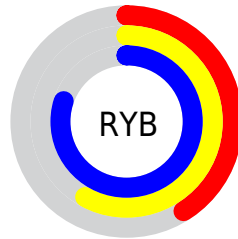
The Hex color **68B9CD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CD7C68**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **A1F1FF**, and **2B8497** is the 20% darker color. If you saturate the color by 10%, you get **53B5CD**, and if you desaturate by 10%, it is **7CBDCE**.

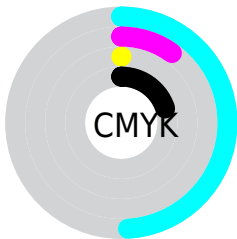
Distribution



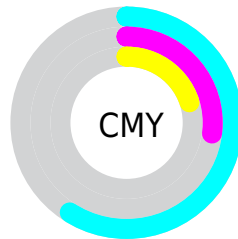
- Red (41%)
- Green (73%)
- Blue (80%)



- Red (41%)
- Yellow (58%)
- Blue (80%)



- Cyan (49%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)



- Cyan (59%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68B9CD 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 68B9CD by changing the saturation by 10% instead.

 68B9CD

 68B9CD

FFFFFF

 4B9EB2

 A1F1FF

 2B8497

 BEFFFF

 006A7D

 DBFFFF

 005264

 F9FFFF

 003B4C

 002535

 000820

 000005

 000000

■ 68B9CD

■ 68B9CD

■ 53B5CD

■ 7CBDCD

■ 3FB1CD

■ 91C1CD

■ 2AADCD

■ A6C5CD

■ 16A9CD

■ BAC9CD

■ 01A5CD

■ CFCDCD

■ 00A4CD

■ E3D1CD

■ F8D5CD

■ FFD9CD

■ FFDECD

Harmonies

Analogous

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



6ABBB7



68B9CD



7DB4DB

Triad

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



68B9CD



D49EBD



B5AF7F

Complementary

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



68B9CD



CD7C68

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.



CCA780



68B9CD



DE9CA4

Square

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



68B9CD



BEA4D1



DAA08E



9AB68A

Rectangle

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



68B9CD



93AFDD



DAA08E



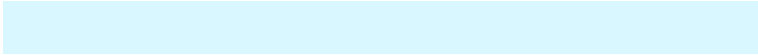
BDAD7E

Sweetspot

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



68B9CD



D9F7FF



68CD7B



697B80



000000



808080

Same Dimension

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



68B9CD



69E1FF



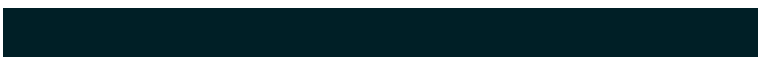
6888CD



5C6466



0085A6



001F26

Inverse Universe

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



CD68B9



FF69E1



CDAD68



665C64



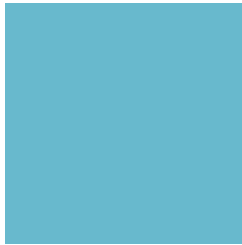
A60085



26001F

Previews

White Background



This preview shows how the Hex color 68B9CD looks on a white background.

Color Contrast Check

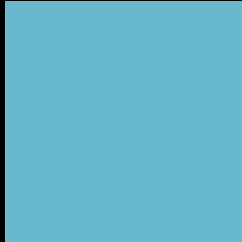
Large Text (above 18pt) WCAG AA × Fail

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 68B9CD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

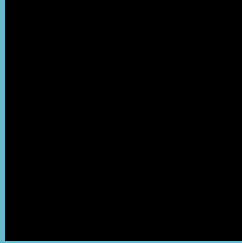
Any Text WCAG AA ✓ Pass

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 68B9CD Background



This preview shows how black text looks on a background with the Hex color 68B9CD.

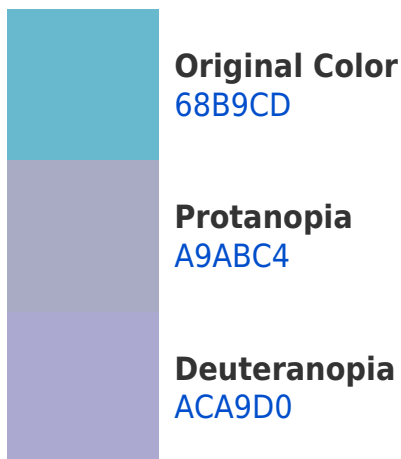


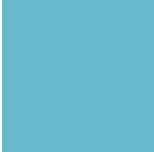
This preview shows how white text looks on a background with the Hex color 68B9CD.

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



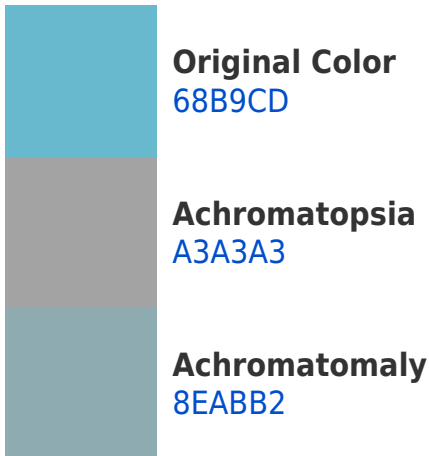


Tritanopia
67BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68B9CD 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 #68B9CD looks like.

```
.text, #text, p{  
    color:#68B9CD  
}
```

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 #68B9CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68B9CD
}
```

Border

The CSS property to change the border of an element to Hex 68B9CD 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
#68B9CD }
```

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

```
.border{ border-color:#68B9CD }
```

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

Here you see how a box with a 4 pixel #68B9CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68B9CD; -webkit-box-shadow:4px 4px  
4px 4px #68B9CD; box-shadow:4px 4px 4px  
4px #68B9CD }
```

Background

The CSS property to change the background color of an element to Hex 68B9CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68B9CD }
```

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

```
.background{ background-color:#68B9CD }
```

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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