

Converting Colors

Hex(68B2CF)

Have a look what the booklet for
Hex(68B2CF) contains.

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Color

Hex(68B2CF)

Conversions

Conversions Part 1

Format	Color
Hex	68B2CF
RGB	104, 178, 207
RGB Percent	41%, 70%, 81%
CMY	0.5922, 0.3020, 0.1882
CMYK	0.50, 0.14, 0.00, 0.19
HSL	197°, 52%, 61%
HSV	197°, 50%, 81%
XYZ	32.8918, 39.2888, 64.8814
YIQ	159.1800, -53.4130, -6.6690

Conversions

Conversions Part 2

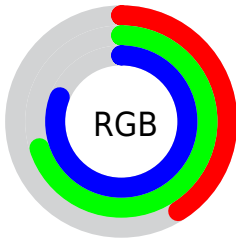
Format	Color
RYB	104, 147, 207
Decimal	6861519
CIELab	68.96, -15.17, -21.82
CIELCh	69, 26.573, 235.189
Yxy	39.2888, 0.2400, 0.2867
Android (android.graphics.Color)	4285051599 (0xFF68B2CF)
YUV	159.1800, 23.5753, -48.3929
Hunter-Lab	62.6808, -16.0234, -17.4950

Details

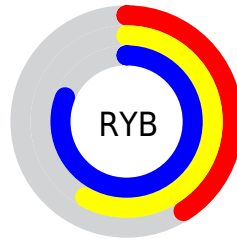
The Hex color **68B2CF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **CF8568**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **A1E AFF**, and **2C7D99** is the 20% darker color. If you saturate the color by 10%, you get **53ACCF**, and if you desaturate by 10%, it is **7DB8CF**.

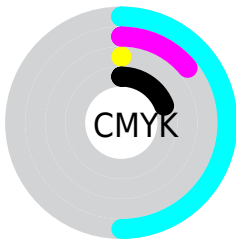
Distribution



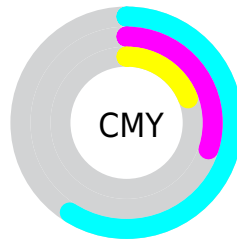
- Red (41%)
- Green (70%)
- Blue (81%)



- Red (41%)
- Yellow (58%)
- Blue (81%)



- Cyan (50%)
- Magenta (14%)
- Yellow (0%)
- Black (19%)



- Cyan (59%)
- Magenta (30%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68B2CF 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 68B2CF by changing the saturation by 10% instead.

 68B2CF

 68B2CF


FFFFFF

 4B97B3

 A1EAFB

 2C7D99

 BEFFFF

 00647F

 DBFFFF


 004C66

 F8FFFF

 00354D

 002036

 000221

 000007

 000000

68B2CF

68B2CF

53ACCF

7DB8CF

3FA6CF

91BECF

2AA1CF

A6C3CF

159BCF

BBC9CF

0195CF

D0CFCF

0095CF

E4D5CF

F9DBCf

FFE1CF

FFE6CF

Harmonies

Analogous

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



60B5BC



68B2CF



85ACD8

Triad

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



68B2CF



D597AD



A4AD7C

Complementary

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



68B2CF



CF8568

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.



BDA579



68B2CF



D99895

Square

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



68B2CF



C49CC4



D09D82



89B38C

Rectangle

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



68B2CF



9CA6D6



D09D82



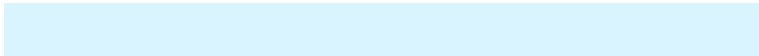
ADAB7A

Sweetspot

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



68B2CF



D9F4FF



68CF83



697980



000000



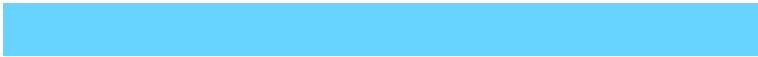
808080

Same Dimension

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



68B2CF



66D4FF



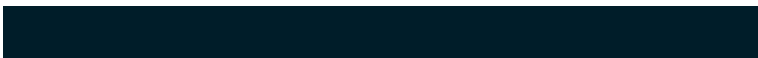
6880CF



5E6669



0079A8



001D29

Inverse Universe

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



CF68B2



FF66D4



CFB768



695E66



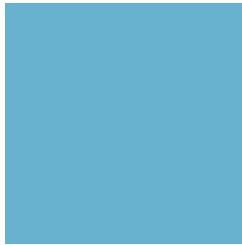
A80079



29001D

Previews

White Background



This preview shows how the Hex color 68B2CF looks on a white background.

Color Contrast Check

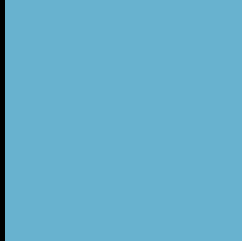
Large Text (above 18pt) WCAG AA × Fail

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 68B2CF 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 68B2CF Background



This preview shows how black text looks on a background with the Hex color 68B2CF.

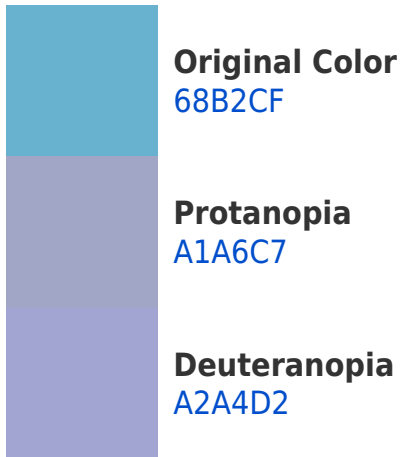


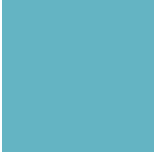
This preview shows how white text looks on a background with the Hex color 68B2CF.

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](#).

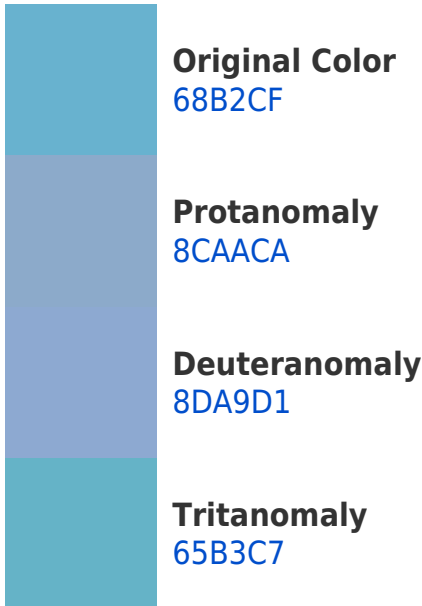
Dichromacy



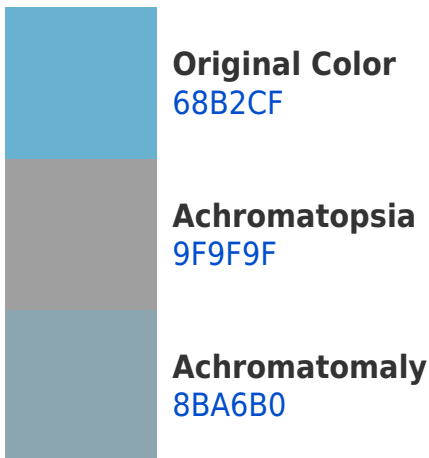


Tritanopia
64B4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68B2CF 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 #68B2CF looks like.

```
.text, #text, p{  
    color:#68B2CF  
}
```

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 #68B2CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68B2CF
}
```

Border

The CSS property to change the border of an element to Hex 68B2CF 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
#68B2CF }
```

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

```
.border{ border-color:#68B2CF }
```

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

Here you see how a box with a 4 pixel #68B2CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68B2CF; -webkit-box-shadow:4px 4px  
4px 4px #68B2CF; box-shadow:4px 4px 4px  
4px #68B2CF }
```

Background

The CSS property to change the background color of an element to Hex 68B2CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68B2CF }
```

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

```
.background{ background-color:#68B2CF }
```

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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