

Converting Colors

Hex(67B2CF)

Have a look what the booklet for
Hex(67B2CF) contains.

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Color

Hex(67B2CF)

Conversions

Conversions Part 1

Format	Color
Hex	67B2CF
RGB	103, 178, 207
RGB Percent	40%, 70%, 81%
CMY	0.5961, 0.3020, 0.1882
CMYK	0.50, 0.14, 0.00, 0.19
HSL	197°, 52%, 61%
HSV	197°, 50%, 81%
XYZ	32.7764, 39.2293, 64.8760
YIQ	158.8810, -54.0090, -6.8810

Conversions

Conversions Part 2

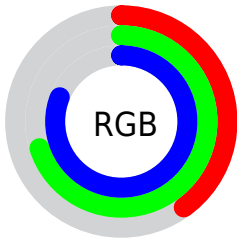
Format	Color
R _Y B	103, 147, 207
Decimal	6795983
CIE Lab	68.92, -15.40, -21.89
CIE LCh	69, 26.759, 234.876
Yxy	39.2293, 0.2395, 0.2866
Android (android.graphics.Color)	4284986063 (0xFF67B2CF)
YUV	158.8810, 23.7227, -49.0076
Hunter-Lab	62.6333, -16.1982, -17.5696

Details

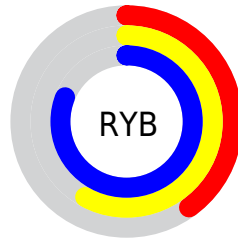
The Hex color **67B2CF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **CF8467**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **A0EAFF**, and **2A7D99** is the 20% darker color. If you saturate the color by 10%, you get **52ACCF**, and if you desaturate by 10%, it is **7CB8CF**.

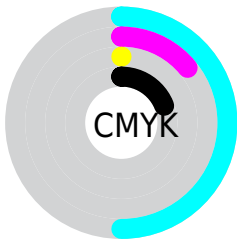
Distribution



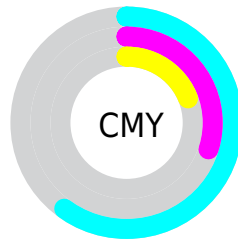
- Red (40%)
- Green (70%)
- Blue (81%)



- Red (40%)
- Yellow (58%)
- Blue (81%)



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



- Cyan (60%)
- Magenta (30%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67B2CF 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 67B2CF by changing the saturation by 10% instead.

 67B2CF

 67B2CF


FFFFFF

 4A97B3

 A0EAFB

 2A7D99

 BDFBFF

 00647F

 DAFBFF

 004C66

 F7FBFF

 00354D

 002036

 000221

 000007

 000000

67B2CF

67B2CF

52ACCF

7CB8CF

3EA6CF

90BECF

29A1CF

A5C3CF

149BCF

BAC9CF

0095CF

CFCFCF

E3D5CF

F8DACF

FFE0CF

FFE6CF

Harmonies

Analogous

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



5FB5BC



67B2CF



84ACD8

Triad

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



67B2CF



D597AD



A4AD7C

Complementary

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



67B2CF



CF8467

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.



BEA578



67B2CF



D99895

Square

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



67B2CF



C39BC4



D09D81



89B38C

Rectangle

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



67B2CF



9BA6D7



D09D81



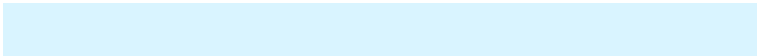
ADAA79

Sweetspot

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



67B2CF



D9F4FF



67CF83



697980



000000



808080

Same Dimension

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



67B2CF



66D4FF



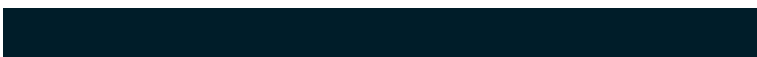
677FCF



5E6669



0079A8



001D29

Inverse Universe

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



CF67B2



FF66D4



CFB767



695E66



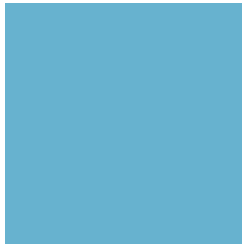
A80079



29001D

Previews

White Background



This preview shows how the Hex color 67B2CF looks on a white background.

Color Contrast Check

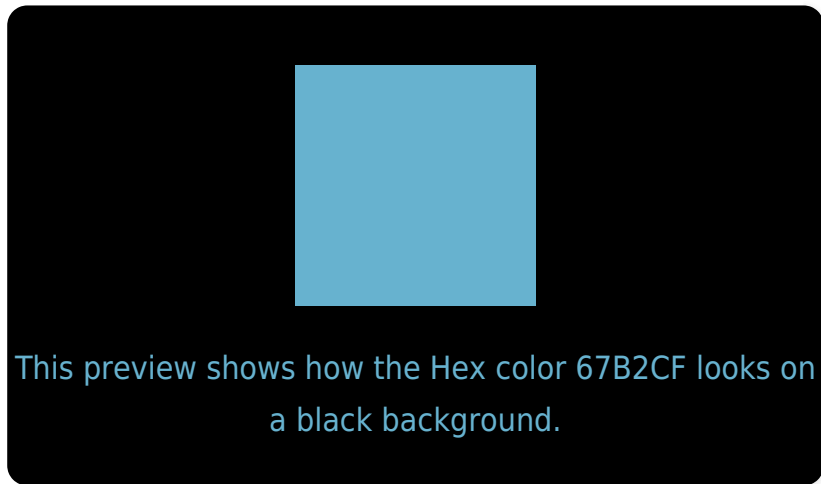
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 67B2CF Background



This preview shows how black text looks on a background with the Hex color 67B2CF.

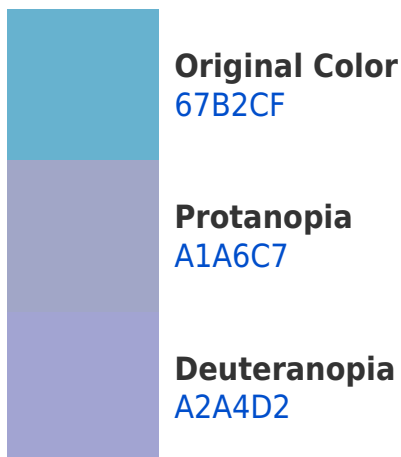


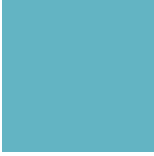
This preview shows how white text looks on a background with the Hex color 67B2CF.

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](#).

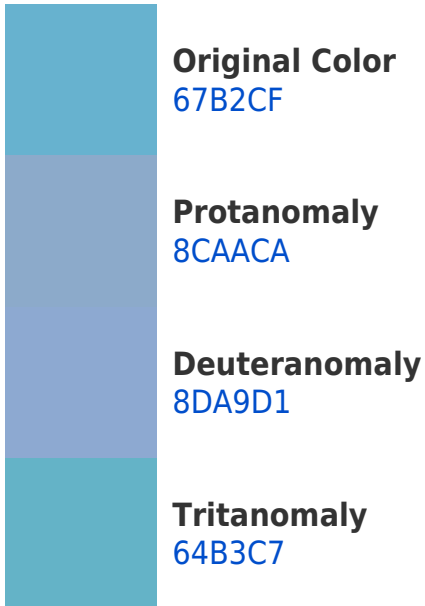
Dichromacy



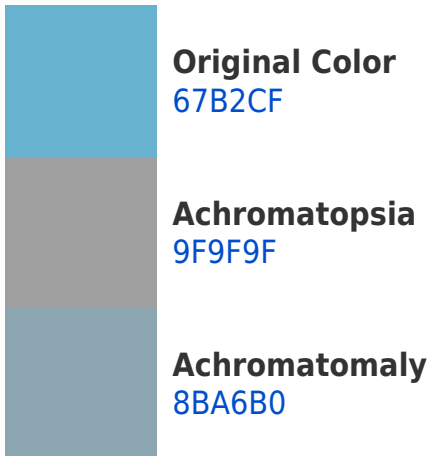


Tritanopia
63B4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67B2CF 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 #67B2CF looks like.

```
.text, #text, p{  
    color:#67B2CF  
}
```

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 #67B2CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67B2CF
}
```

Border

The CSS property to change the border of an element to Hex 67B2CF 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
#67B2CF }
```

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

```
.border{ border-color:#67B2CF }
```

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

Here you see how a box with a 4 pixel #67B2CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67B2CF; -webkit-box-shadow:4px 4px  
4px 4px #67B2CF; box-shadow:4px 4px 4px  
4px #67B2CF }
```

Background

The CSS property to change the background color of an element to Hex 67B2CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67B2CF }
```

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

```
.background{ background-color:#67B2CF }
```

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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