

Converting Colors

Hex(68A4CD)

Have a look what the booklet for
Hex(68A4CD) contains.

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Color

Hex(68A4CD)

Conversions

Conversions Part 1

Format	Color
Hex	68A4CD
RGB	104, 164, 205
RGB Percent	41%, 64%, 80%
CMY	0.5922, 0.3569, 0.1961
CMYK	0.49, 0.20, 0.00, 0.20
HSL	204°, 50%, 61%
HSV	204°, 49%, 80%
XYZ	30.0038, 33.9018, 62.7199
YIQ	150.7340, -48.9210, 0.0310

Conversions

Conversions Part 2

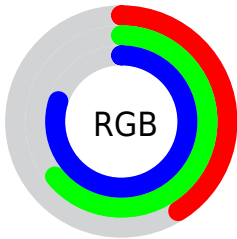
Format	Color
RYB	104, 142, 205
Decimal	6857933
CIELab	64.88, -8.19, -26.95
CIELCh	65, 28.171, 253.092
Yxy	33.9018, 0.2369, 0.2677
Android (android.graphics.Color)	4285048013 (0xFF68A4CD)
YUV	150.7340, 26.7531, -40.9857
Hunter-Lab	58.2252, -9.9119, -23.1093

Details

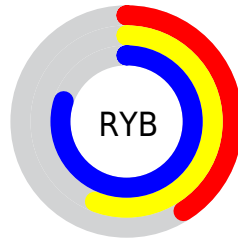
The Hex color **68A4CD** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CD9168**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **A0DBFF**, and **2E7097** is the 20% darker color. If you saturate the color by 10%, you get **539CCD**, and if you desaturate by 10%, it is **7CACCD**.

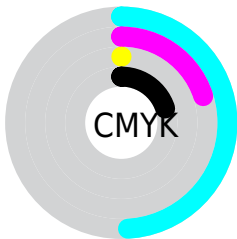
Distribution



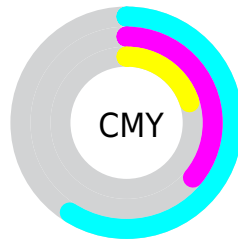
- Red (41%)
- Green (64%)
- Blue (80%)



- Red (41%)
- Yellow (56%)
- Blue (80%)



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



- Cyan (59%)
- Magenta (36%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68A4CD 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 68A4CD by changing the saturation by 10% instead.

■ 68A4CD

■ 68A4CD

FFFFFF

■ 4C8AB1

■ A0DBFF

■ 2E7097

■ BDF7FF

■ 00587D

■ DAFFFF

■ 004164

■ F7FFFF

■ 002B4B

■ 001735

■ 00021F

■ 000002

■ 000000

■ 68A4CD

■ 68A4CD

■ 539CCD

■ 7CACCD

■ 3F93CD

■ 91B5CD

■ 2A8BCD

■ A6BDCD

■ 1683CD

■ BAC5CD

■ 017ACD

■ CFCECD

■ 007ACD

■ E3D6CD

■ F8DECD

■ FFE7CD

■ FFE7CD

Harmonies

Analogous

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



4FA9BF



68A4CD



8D9CCE

Triad

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



68A4CD



D08B93



88A678

Complementary

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



68A4CD



CD9168

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.



A49F6C



68A4CD



CC8F7C

Square

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



68A4CD



C68CAD



BC976E



6BAA8E

Rectangle

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



68A4CD



A496C8



BC976E



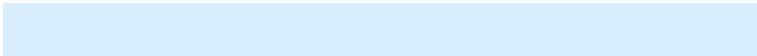
92A473

Sweetspot

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



68A4CD



D9EFFF



68CD90



697680



000000



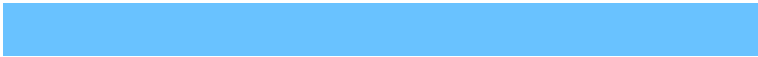
808080

Same Dimension

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



68A4CD



69C2FF



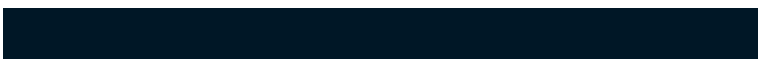
6872CD



5C6266



0062A6



001726

Inverse Universe

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



CD68A4



FF69C2



CDC368



665C62



A60062



260017

Previews

White Background



This preview shows how the Hex color 68A4CD looks on a white background.

Color Contrast Check

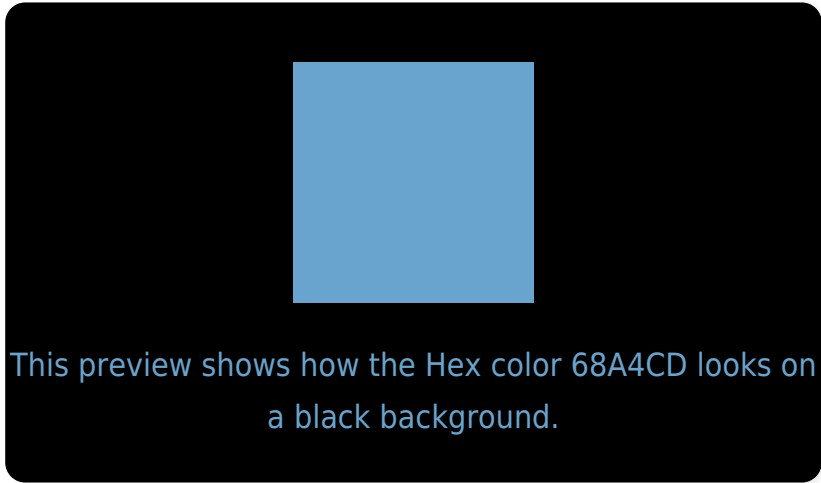
Large Text (above 18pt) WCAG AA × Fail

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

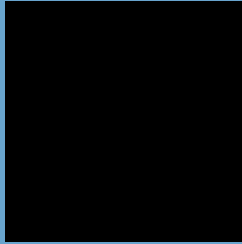
Any Text WCAG AA ✓ Pass

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 68A4CD Background



This preview shows how black text looks on a background with the Hex color 68A4CD.

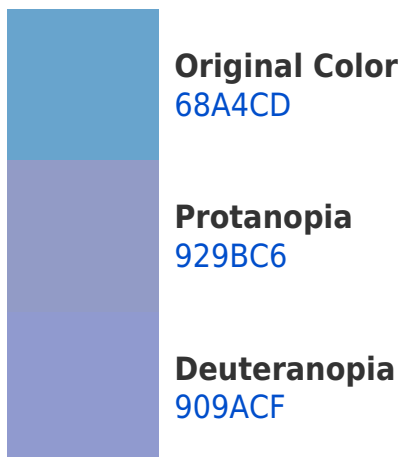


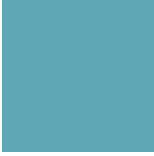
This preview shows how white text looks on a background with the Hex color 68A4CD.

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](#).

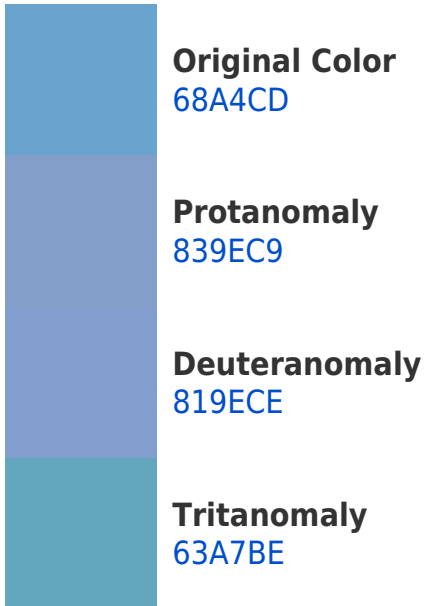
Dichromacy



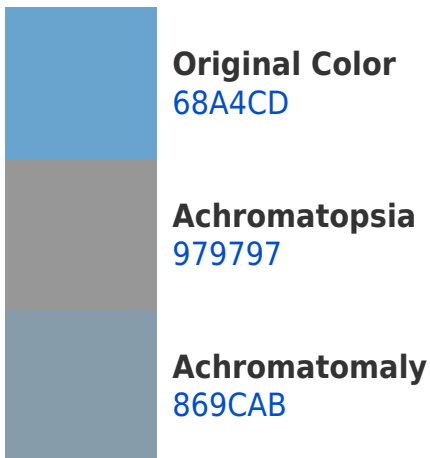


Tritanopia
60A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68A4CD 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 #68A4CD looks like.

```
.text, #text, p{  
    color:#68A4CD  
}
```

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 #68A4CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68A4CD
}
```

Border

The CSS property to change the border of an element to Hex 68A4CD 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
#68A4CD }
```

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

```
.border{ border-color:#68A4CD }
```

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

Here you see how a box with a 4 pixel #68A4CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68A4CD; -webkit-box-shadow:4px 4px  
4px 4px #68A4CD; box-shadow:4px 4px 4px  
4px #68A4CD }
```

Background

The CSS property to change the background color of an element to Hex 68A4CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68A4CD }
```

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

```
.background{ background-color:#68A4CD }
```

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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