

Converting Colors

Hex(68A0CA)

Have a look what the booklet for
Hex(68A0CA) contains.

Hex(68A0CA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(68A0CA)

Conversions

Conversions Part 1

Format	Color
Hex	68A0CA
RGB	104, 160, 202
RGB Percent	41%, 63%, 79%
CMY	0.5922, 0.3725, 0.2078
CMYK	0.49, 0.21, 0.00, 0.21
HSL	206°, 48%, 60%
HSV	206°, 49%, 79%
XYZ	28.9404, 32.3489, 60.5958
YIQ	148.0440, -46.8580, 1.1900

Conversions

Conversions Part 2

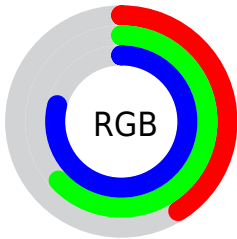
Format	Color
RYB	104, 140, 202
Decimal	6856906
CIELab	63.63, -6.86, -27.22
CIELCh	64, 28.067, 255.858
Yxy	32.3489, 0.2374, 0.2654
Android (android.graphics.Color)	4285046986 (0xFF68A0CA)
YUV	148.0440, 26.6003, -38.6266
Hunter-Lab	56.8761, -8.7067, -23.3542

Details

The Hex color **68A0CA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CA9268**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **A0D7FF**, and **2E6D94** is the 20% darker color. If you saturate the color by 10%, you get **5497CA**, and if you desaturate by 10%, it is **7CA9CA**.

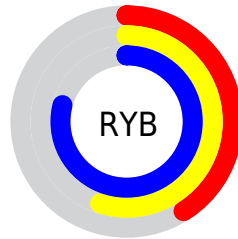
Distribution



Red (41%)

Green (63%)

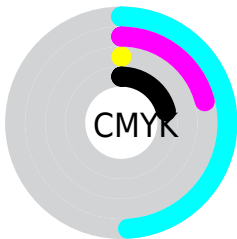
Blue (79%)



Red (41%)

Yellow (55%)

Blue (79%)

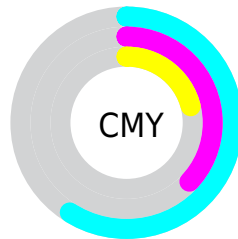


Cyan (49%)

Magenta (21%)

Yellow (0%)

Black (21%)



Cyan (59%)

Magenta (37%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68A0CA 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 68A0CA by changing the saturation by 10% instead.

 68A0CA

 68A0CA

FFFFFF

 4C86AF

 A0D7FF

 2E6D94

 BCF3FF

 03547A

 D9FFFF

 003D61

 F7FFFF

 002849

 001332

 00021D

 000000

 68A0CA

 68A0CA

■ 5497CA

■ 7CA9CA

■ 408FCA

■ 90B1CA

■ 2B86CA

■ A5BACA

■ 177DCA

■ B9C3CA

■ 0375CA

■ CDCBCA

■ 0073CA

■ E1D4CA

■ F5DDCA

■ FFE5CA

■ FFEECA

Harmonies

Analogous

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



4DA6BD



68A0CA



8D98CA

Triad

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



68A0CA



CC888E



82A377

Complementary

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



68A0CA



CA9268

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.



9E9D6A



68A0CA



C78C77

Square

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



68A0CA



C489A7



B6946A



65A78D

Rectangle

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



68A0CA



A492C3



B6946A



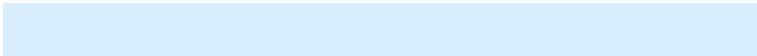
8CA171

Sweetspot

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



68A0CA



D9EFFF



68CA91



697680



000000



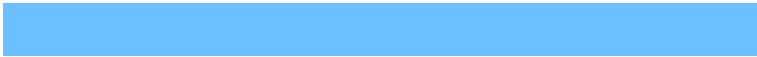
808080

Same Dimension

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



68A0CA



6BC0FF



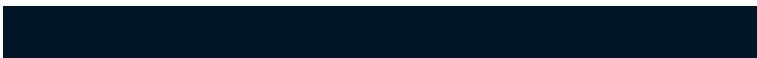
6870CA



5C6266



005FA6



001626

Inverse Universe

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



CA68A0



FF6BC0



CAC268



665C62



A6005F



260016

Previews

White Background



This preview shows how the Hex color 68A0CA looks on a white background.

Color Contrast Check

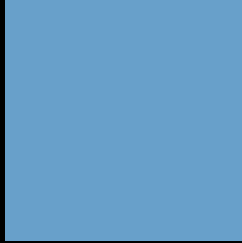
Large Text (above 18pt) WCAG AA × Fail

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 68A0CA 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

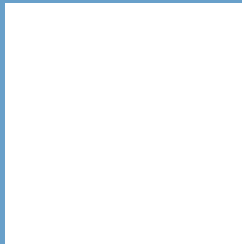
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 68A0CA Background



This preview shows how black text looks on a background with the Hex color 68A0CA.

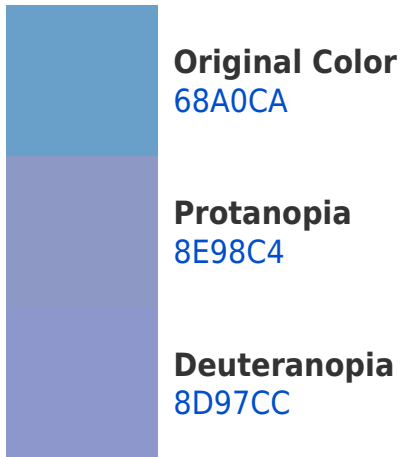


This preview shows how white text looks on a background with the Hex color 68A0CA.

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](#).

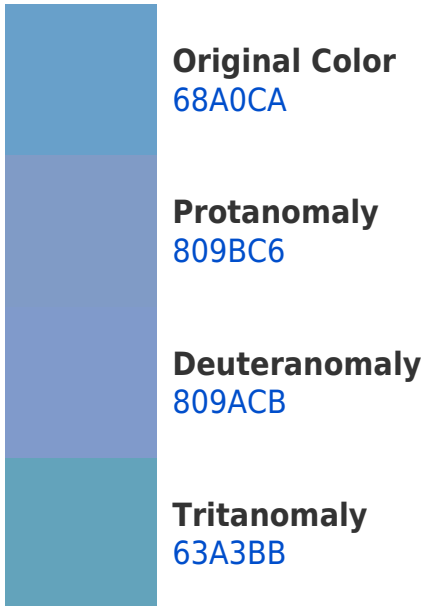
Dichromacy



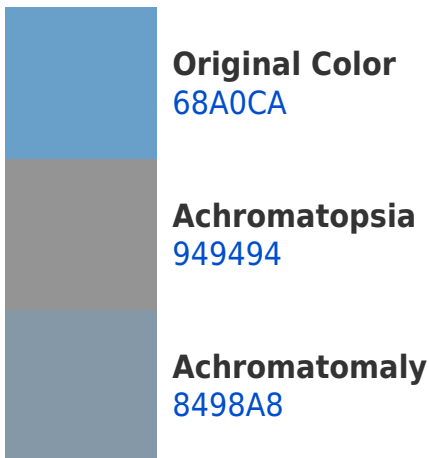


Tritanopia
60A4B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68A0CA 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 #68A0CA looks like.

```
.text, #text, p{  
    color:#68A0CA  
}
```

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 #68A0CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68A0CA
}
```

Border

The CSS property to change the border of an element to Hex 68A0CA 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
#68A0CA }
```

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

```
.border{ border-color:#68A0CA }
```

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

Here you see how a box with a 4 pixel #68A0CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68A0CA; -webkit-box-shadow:4px 4px  
4px 4px #68A0CA; box-shadow:4px 4px 4px  
4px #68A0CA }
```

Background

The CSS property to change the background color of an element to Hex 68A0CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68A0CA }
```

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

```
.background{ background-color:#68A0CA }
```

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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