

# Converting Colors

Hex(68A1C8)

Have a look what the booklet for  
Hex(68A1C8) contains.

<b>Hex(68A1C8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(68A1C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68A1C8
RGB	104, 161, 200
RGB Percent	41%, 63%, 78%
CMY	0.5922, 0.3686, 0.2157
CMYK	0.48, 0.20, 0.00, 0.22
HSL	204°, 47%, 60%
HSV	204°, 48%, 78%
XYZ	28.8791, 32.6029, 59.4145
YIQ	148.4030, -46.4910, 0.0450

# Conversions

## Conversions Part 2

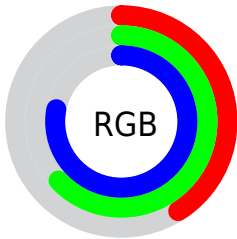
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 140, 200
Decimal	6857160
CIELab	63.84, -7.99, -25.78
CIElCh	64, 26.992, 252.779
Yxy	32.6029, 0.2389, 0.2697
Android (android.graphics.Color)	4285047240 (0xFF68A1C8)
YUV	148.4030, 25.4373, -38.9414
Hunter-Lab	57.0990, -9.6427, -21.7251

# Details

The Hex color **68A1C8** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C88F68**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **A0D8FF**, and **2F6E92** is the 20% darker color. If you saturate the color by 10%, you get **5499C8**, and if you desaturate by 10%, it is **7CA9C8**.

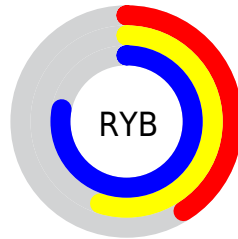
# Distribution



Red (41%)

Green (63%)

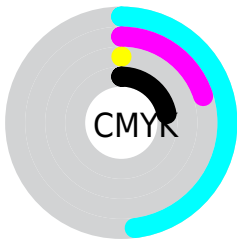
Blue (78%)



Red (41%)

Yellow (55%)

Blue (78%)

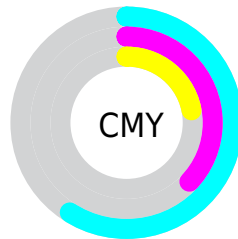


Cyan (48%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (59%)

Magenta (37%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68A1C8 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 68A1C8 by changing the saturation by 10% instead.



■ 68A1C8

■ 68A1C8

FFFFFF

■ 4C87AD

■ A0D8FF

■ 2F6E92

■ BCF4FF

■ 055578

■ D9FFFF

■ 003E5F

■ F6FFFF

■ 002847

■ 001431

■ 00011B

■ 000000

■ 68A1C8

■ 68A1C8

■ 5499C8

■ 7CA9C8

■ 4091C8

■ 90B1C8

■ 2C89C8

■ A4B9C8

■ 1881C8

■ B8C2C8

■ 0478C8

■ CCCAC8

■ 0077C8

■ E0D2C8

■ F4DAC8

■ FFE2C8

■ FFEAC8

# Harmonies

## Analogous

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



51A6BA



68A1C8



8B99C9

# Triad

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



68A1C8



CB8991



86A377

# Complementary

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



68A1C8



C88F68

# 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.



A19C6B



68A1C8



C78D7B

# Square

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



68A1C8



C28AAA



B8946D



6BA78C

# Rectangle

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



68A1C8



A194C3



B8946D



90A172

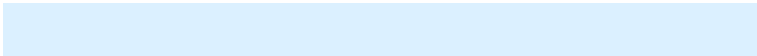


# Sweetspot

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



68A1C8



DBF0FF



68C88E



6A7780



000000



808080

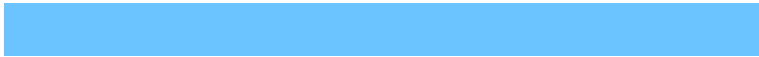


# Same Dimension

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



68A1C8



6BC3FF



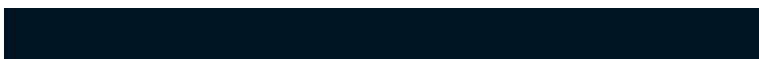
6872C8



5A5F63



0061A3



001524



# Inverse Universe

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



C868A1



FF6BC3



C8BE68



635A5F



A30061



240015



# Previews

## White Background



This preview shows how the Hex color 68A1C8 looks on a white background.

## Color Contrast Check

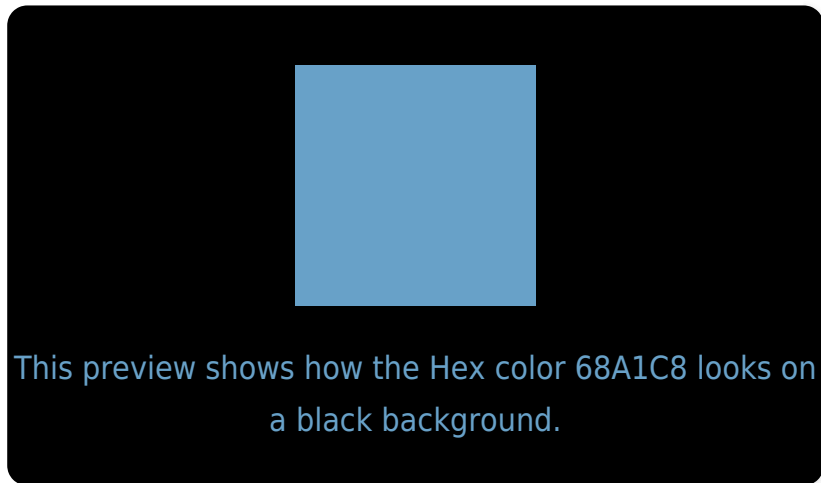
Large Text (above 18pt) WCAG AA × Fail

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

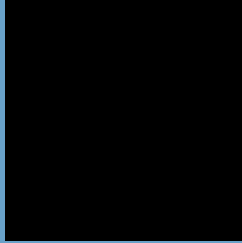
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

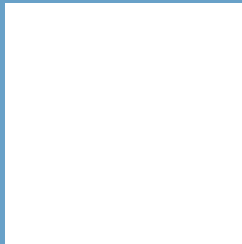
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 68A1C8 Background



This preview shows how black text looks on a background with the Hex color 68A1C8.

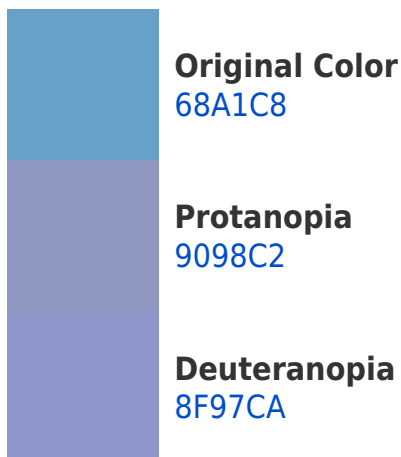


This preview shows how white text looks on a background with the Hex color 68A1C8.

# 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](#).

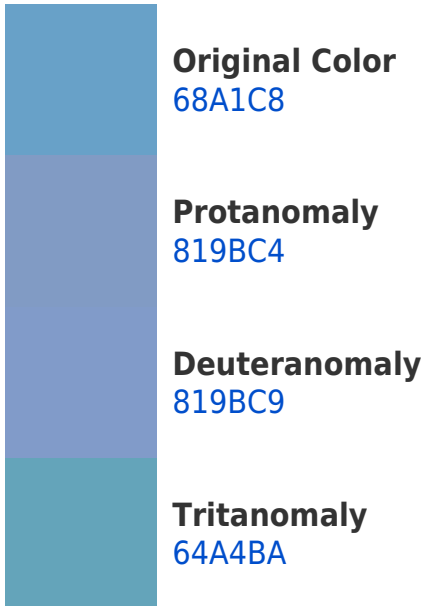
## Dichromacy



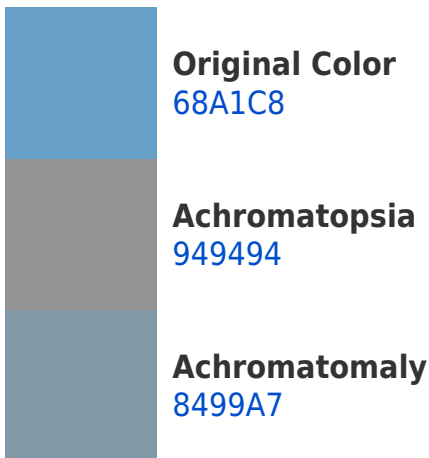


**Tritanopia**  
61A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68A1C8 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 #68A1C8 looks like.

```
.text, #text, p{  
    color:#68A1C8  
}
```

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 #68A1C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68A1C8
}
```

## Border

The CSS property to change the border of an element to Hex 68A1C8 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
#68A1C8 }
```

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

```
.border{ border-color:#68A1C8 }
```

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

Here you see how a box with a 4 pixel #68A1C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68A1C8; -webkit-box-shadow:4px 4px  
4px 4px #68A1C8; box-shadow:4px 4px 4px  
4px #68A1C8 }
```

# Background

The CSS property to change the background color of an element to Hex 68A1C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68A1C8 }
```

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

```
.background{ background-color:#68A1C8 }
```

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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