

# Converting Colors

Hex(68B2C9)

Have a look what the booklet for  
Hex(68B2C9) contains.

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# **Color**

**Hex(68B2C9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68B2C9
RGB	104, 178, 201
RGB Percent	41%, 70%, 79%
CMY	0.5922, 0.3020, 0.2118
CMYK	0.48, 0.11, 0.00, 0.21
HSL	194°, 47%, 60%
HSV	194°, 48%, 79%
XYZ	32.1719, 39.0009, 61.0906
YIQ	158.4960, -51.4870, -8.5350

# Conversions

## Conversions Part 2

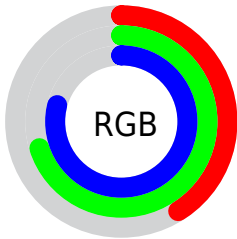
Format	Color
<a href="#">RYB</a>	<a href="#">104, 146, 201</a>
Decimal	<a href="#">6861513</a>
CIELab	<a href="#">68.75, -16.85, -18.83</a>
CIElCh	<a href="#">69, 25.272, 228.175</a>
Yxy	<a href="#">39.0009, 0.2432, 0.2949</a>
Android (android.graphics.Color)	<a href="#">4285051593</a> ( <a href="#">0xFF68B2C9</a> )
YUV	<a href="#">158.4960, 20.9545, -47.7930</a>
Hunter-Lab	<a href="#">62.4507, -17.3331, -14.2833</a>

# Details

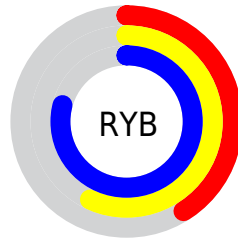
The Hex color **68B2C9** is a light color, and the websafe version is hex **669999**. A complement of this color would be **C97F68**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **A0EAFB**, and **2D7D93** is the 20% darker color. If you saturate the color by 10%, you get **54ADC9**, and if you desaturate by 10%, it is **7CB7C9**.

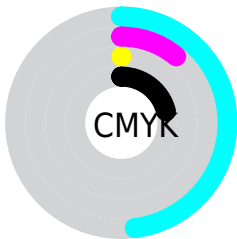
# Distribution



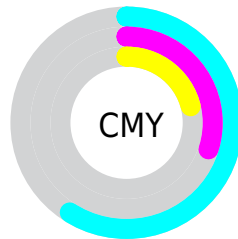
- Red (41%)
- Green (70%)
- Blue (79%)



- Red (41%)
- Yellow (57%)
- Blue (79%)



- Cyan (48%)
- Magenta (11%)
- Yellow (0%)
- Black (21%)



- Cyan (59%)
- Magenta (30%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68B2C9 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 68B2C9 by changing the saturation by 10% instead.



 68B2C9

 68B2C9

FFFFFF

 4C97AE

 A0EAFB

 2D7D93

 BDFBFF

 006479

 DAFBFF

 004C60

 F8FBFF

 003549

 002032

 00021D

 000000

 68B2C9

 68B2C9

■ 54ADC9

■ 7CB7C9

■ 40A8C9

■ 90BCC9

■ 2CA4C9

■ A4C0C9

■ 189FC9

■ B8C5C9

■ 049AC9

■ CDCAC9

■ 0099C9

■ E1CFC9

■ F5D3C9

■ FFD8C9

■ FFDDC9

# Harmonies

## Analogous

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



66B5B5



68B2C9



7FADD4

# Triad

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



68B2C9



D098B2



AAAB7C

# Complementary

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



68B2C9



C97F68

# 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.



C1A37B



68B2C9



D6989B

# Square

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



68B2C9



BC9DC6



D19C87



90B189

# Rectangle

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



68B2C9



94A8D5



D19C87



B2A87A

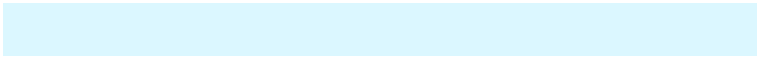


# Sweetspot

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



68B2C9



DBF7FF



68C97F



6A7A80



000000



808080



# Same Dimension

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



68B2C9



6BDCFF



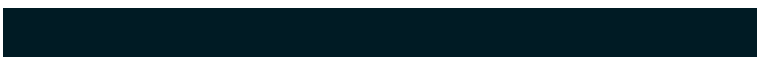
6882C9



5A6163



007DA3



001B24



# Inverse Universe

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



C968B2



FF6BDC



C9AF68



635A61



A3007D

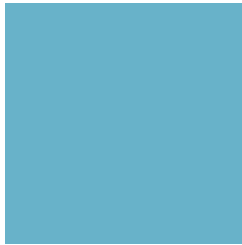


24001B



# Previews

## White Background



This preview shows how the Hex color 68B2C9 looks on a white background.

## Color Contrast Check

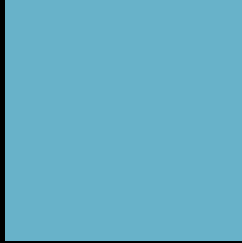
Large Text (above 18pt) WCAG AA × Fail

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 68B2C9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

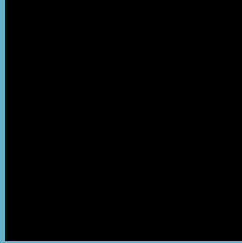
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 68B2C9 Background



This preview shows how black text looks on a background with the Hex color 68B2C9.

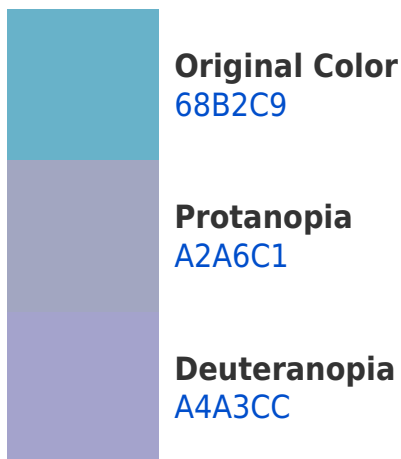


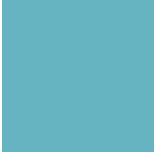
This preview shows how white text looks on a background with the Hex color 68B2C9.

# 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](#).

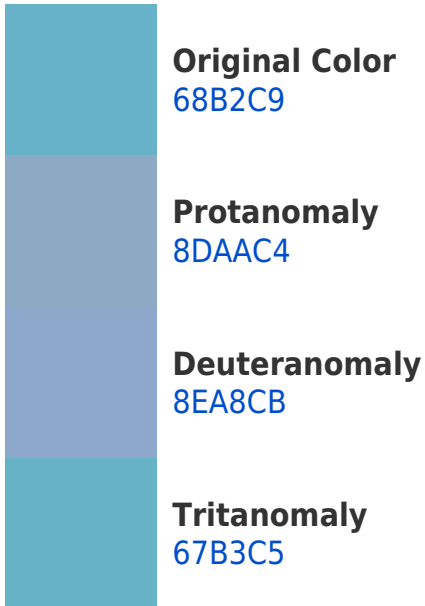
## Dichromacy



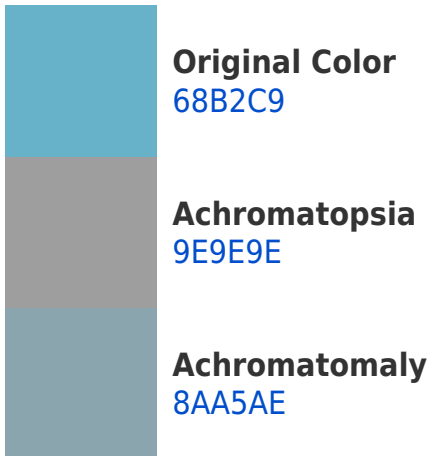


**Tritanopia**  
66B3C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68B2C9 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 #68B2C9 looks like.

```
.text, #text, p{  
    color:#68B2C9  
}
```

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 #68B2C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68B2C9
}
```

## Border

The CSS property to change the border of an element to Hex 68B2C9 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
#68B2C9 }
```

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

```
.border{ border-color:#68B2C9 }
```

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

Here you see how a box with a 4 pixel #68B2C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68B2C9; -webkit-box-shadow:4px 4px  
4px 4px #68B2C9; box-shadow:4px 4px 4px  
4px #68B2C9 }
```

# Background

The CSS property to change the background color of an element to Hex 68B2C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68B2C9 }
```

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

```
.background{ background-color:#68B2C9 }
```

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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