

# Converting Colors

Hex(68ACB9)

Have a look what the booklet for  
Hex(68ACB9) contains.

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# **Color**

**Hex(68ACB9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68ACB9
RGB	104, 172, 185
RGB Percent	41%, 67%, 73%
CMY	0.5922, 0.3255, 0.2745
CMYK	0.44, 0.07, 0.00, 0.27
HSL	190°, 37%, 57%
HSV	190°, 44%, 73%
XYZ	29.2184, 35.9509, 51.2982
YIQ	153.1500, -44.7010, -10.3730

# Conversions

## Conversions Part 2

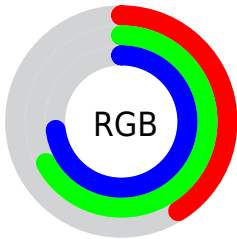
Format	Color
<a href="#">RYB</a>	<a href="#">104, 141, 185</a>
Decimal	<a href="#">6859961</a>
CIELab	<a href="#">66.48, -18.08, -13.41</a>
CIELCh	<a href="#">66, 22.510, 216.575</a>
Yxy	<a href="#">35.9509, 0.2509, 0.3087</a>
Android (android.graphics.Color)	<a href="#">4285050041 (0xFF68ACB9)</a>
YUV	<a href="#">153.1500, 15.7020, -43.1046</a>
Hunter-Lab	<a href="#">59.9591, -17.9443, -8.7544</a>

# Details

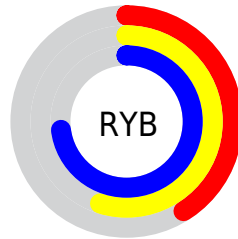
The Hex color **68ACB9** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B97568**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **9FE4F1**, and **307884** is the 20% darker color. If you saturate the color by 10%, you get **56A9B9**, and if you desaturate by 10%, it is **7BAFB9**.

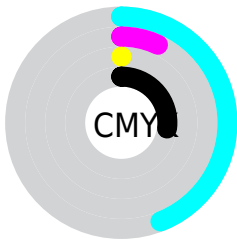
# Distribution



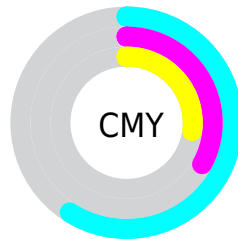
- Red (41%)
- Green (67%)
- Blue (73%)



- Red (41%)
- Yellow (55%)
- Blue (73%)



- Cyan (44%)
- Magenta (7%)
- Yellow (0%)
- Black (27%)



- Cyan (59%)
- Magenta (33%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68ACB9 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 68ACB9 by changing the saturation by 10% instead.



 68ACB9

 68ACB9

FFFFFF

 4D919E

 9FE4F1

 307884

 BBFFFF

 0C5F6B

 D8FFFF

 004753

 F5FFFF

 00303B

 001C26

 000111

 000000

 68ACB9

 68ACB9

56A9B9

7BAFB9

43A6B9

8DB2B9

31A3B9

A0B5B9

1EA0B9

B2B8B9

0C9DB9

C5BBB9

009BB9

D7BEB9

EAC1B9

FCC4B9

FFC7B9

# Harmonies

## Analogous

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



6DADA6



68ACB9



76A8C6

# Triad

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



68ACB9



C095B2



ACA27A

# Complementary

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



68ACB9



B97568

# 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.



BF9B7D



68ACB9



CA939E

# Square

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



68ACB9



AB9BC2



C9958A



96A881

# Rectangle

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



68ACB9



86A4CA



C9958A



B3A079



# Sweetspot

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



68ACB9



D1EBF0



68B974



657578



F7F7F7



787878



# Same Dimension

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



68ACB9



71DBF0



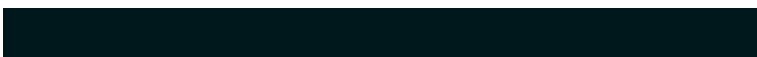
6884B9



535A5C



00839C



00181C



# Inverse Universe

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



B968AC



F071DB



B99D68



5C535A



9C0083

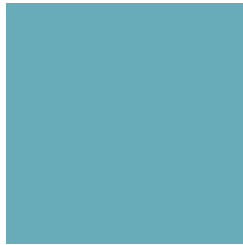


1C0018



# Previews

## White Background



This preview shows how the Hex color 68ACB9 looks on a white background.

## Color Contrast Check

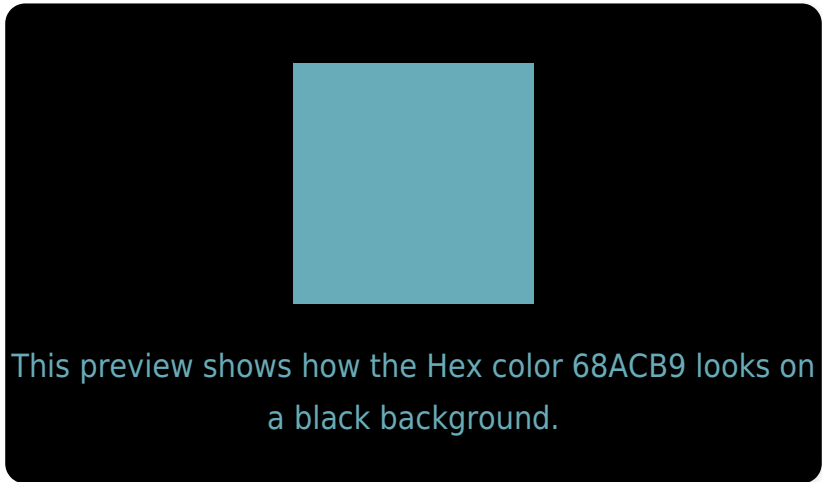
Large Text (above 18pt) WCAG AA × Fail

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

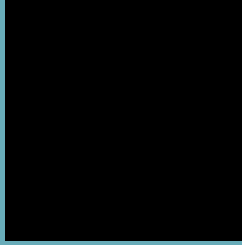
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 68ACB9 Background



This preview shows how black text looks on a background with the Hex color 68ACB9.

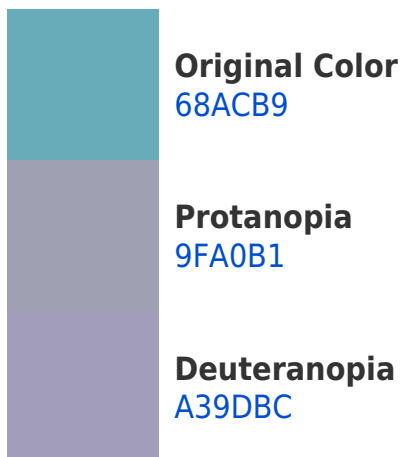


This preview shows how white text looks on a background with the Hex color 68ACB9.

# 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](#).

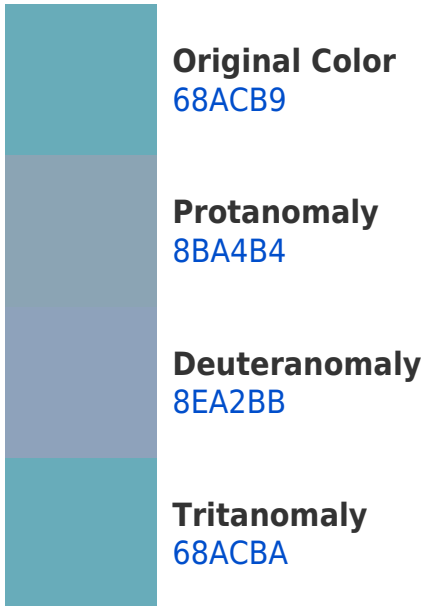
## Dichromacy



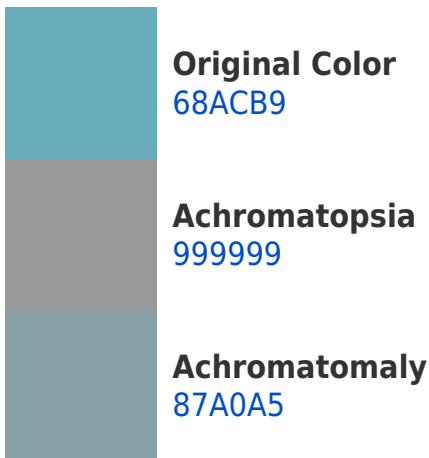


**Tritanopia**  
68ACBA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68ACB9 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 #68ACB9 looks like.

```
.text, #text, p{  
    color:#68ACB9  
}
```

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 #68ACB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68ACB9
}
```

## Border

The CSS property to change the border of an element to Hex 68ACB9 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
#68ACB9 }
```

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

```
.border{ border-color:#68ACB9 }
```

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

Here you see how a box with a 4 pixel #68ACB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68ACB9; -webkit-box-shadow:4px 4px  
4px 4px #68ACB9; box-shadow:4px 4px 4px  
4px #68ACB9 }
```

# Background

The CSS property to change the background color of an element to Hex 68ACB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68ACB9 }
```

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

```
.background{ background-color:#68ACB9 }
```

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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