

# Converting Colors

Hex(5CA5B8)

Have a look what the booklet for  
Hex(5CA5B8) contains.

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# **Color**

**Hex(5CA5B8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CA5B8
RGB	92, 165, 184
RGB Percent	36%, 65%, 72%
CMY	0.6392, 0.3529, 0.2784
CMYK	0.50, 0.10, 0.00, 0.28
HSL	192°, 39%, 54%
HSV	192°, 50%, 72%
XYZ	26.5205, 32.6463, 50.2510
YIQ	145.3390, -49.6070, -9.5670

# Conversions

## Conversions Part 2

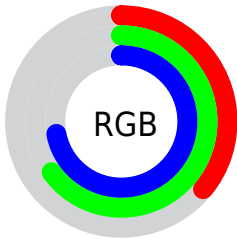
Format	Color
<a href="#">RYB</a>	<a href="#">92, 133, 184</a>
Decimal	<a href="#">6071736</a>
CIELab	<a href="#">63.87, -17.56, -16.85</a>
CIElCh	<a href="#">64, 24.330, 223.817</a>
Yxy	<a href="#">32.6463, 0.2424, 0.2984</a>
Android (android.graphics.Color)	<a href="#">4284261816 (0xFF5CA5B8)</a>
YUV	<a href="#">145.3390, 19.0599, -46.7783</a>
Hunter-Lab	<a href="#">57.1369, -17.1376, -12.1487</a>

# Details

The Hex color **5CA5B8** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **B86F5C**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **94DCF0**, and **1F7183** is the 20% darker color. If you saturate the color by 10%, you get **4AA1B8**, and if you desaturate by 10%, it is **6EA9B8**.

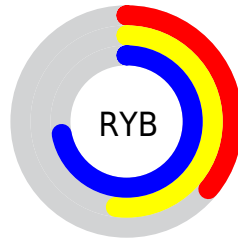
# Distribution



Red (36%)

Green (65%)

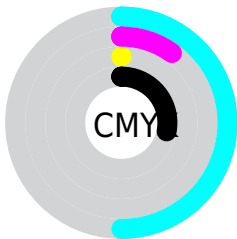
Blue (72%)



Red (36%)

Yellow (52%)

Blue (72%)

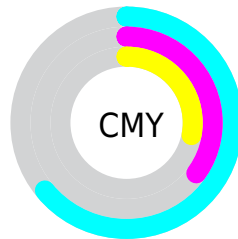


Cyan (50%)

Magenta (10%)

Yellow (0%)

Black (28%)



Cyan (64%)

Magenta (35%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CA5B8 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 5CA5B8 by changing the saturation by 10% instead.



 5CA5B8

 5CA5B8

FFFFFF

 408B9D

 94DCF0

 1F7183

 B0F9FF

 00586A

 CDFFFF

 004152

 EAFFFF

 002B3B

 001725

 00010F

 000000

 5CA5B8

 5CA5B8

■ 4AA1B8

■ 6EA9B8

■ 379DB8

■ 81ADB8

■ 259AB8

■ 93B0B8

■ 1296B8

■ A6B4B8

■ 0092B8

■ B8B8B8

■ CABCB8

■ DDC0B8

■ EFC3B8

■ FFC7B8

# Harmonies

## Analogous

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



5DA7A4



5CA5B8



70A0C4

# Triad

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



5CA5B8



BE8CA7



A09D70

# Complementary

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



5CA5B8



B86F5C

# 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.



B59572



5CA5B8



C78B91

# Square

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



5CA5B8



AB92BA



C38F7E



88A27B

# Rectangle

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



5CA5B8



849CC6



C38F7E



A89A6F



# Sweetspot

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



5CA5B8



CCE8F0



5CB86E



627378



F7F7F7



787878



# Same Dimension

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



5CA5B8



60D2F0



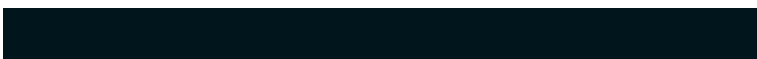
5C78B8



535A5C



007B9C



00161C



# Inverse Universe

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



B85CA5



F060D2



B89C5C



5C535A



9C007B

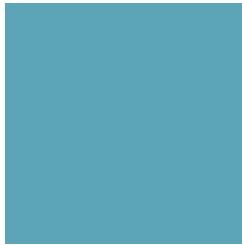


1C0016



# Previews

## White Background



This preview shows how the Hex color 5CA5B8 looks on a white background.

## Color Contrast Check

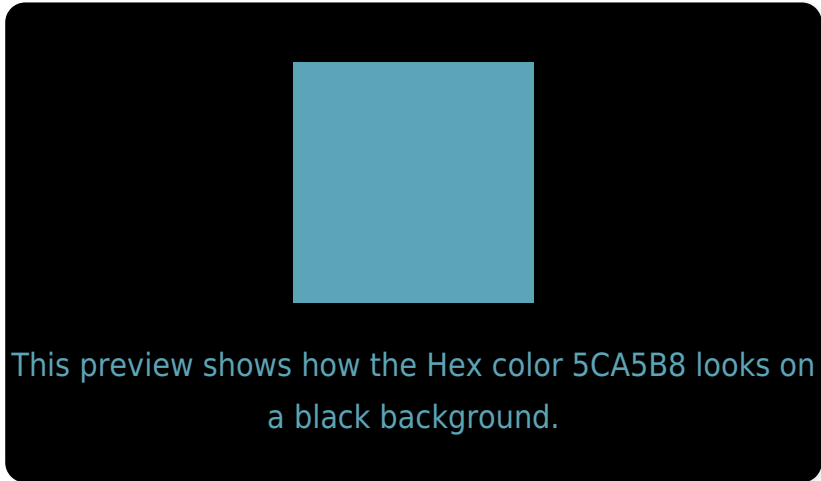
Large Text (above 18pt) WCAG AA × Fail

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

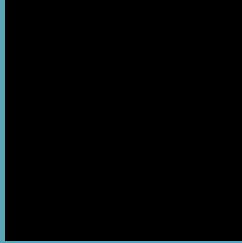
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5CA5B8 Background



This preview shows how black text looks on a background with the Hex color 5CA5B8.

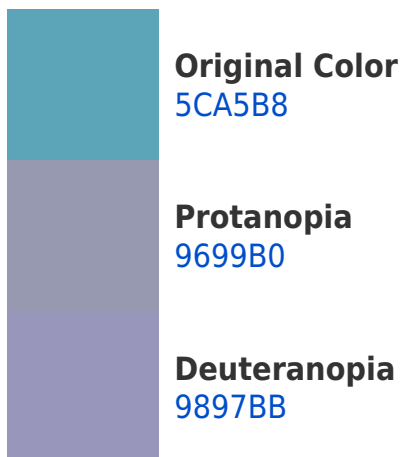


This preview shows how white text looks on a background with the Hex color 5CA5B8.

# 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](#).

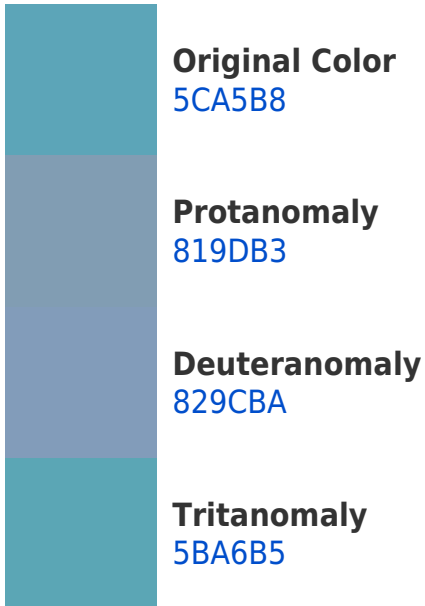
## Dichromacy



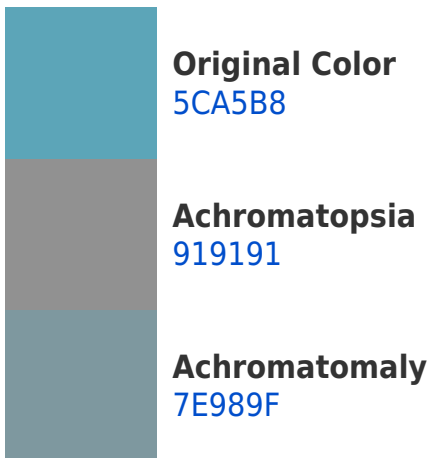


**Tritanopia**  
5AA6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CA5B8 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 #5CA5B8 looks like.

```
.text, #text, p{  
    color:#5CA5B8  
}
```

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 #5CA5B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CA5B8  
}
```

## Border

The CSS property to change the border of an element to Hex 5CA5B8 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  
#5CA5B8 }
```

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

```
.border{ border-color:#5CA5B8 }
```

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

Here you see how a box with a 4 pixel #5CA5B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CA5B8; -webkit-box-shadow:4px 4px  
4px 4px #5CA5B8; box-shadow:4px 4px 4px  
4px #5CA5B8 }
```

# Background

The CSS property to change the background color of an element to Hex 5CA5B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CA5B8 }
```

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

```
.background{ background-color:#5CA5B8 }
```

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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