

# Converting Colors

Hex(54A6C8)

Have a look what the booklet for  
Hex(54A6C8) contains.

<b>Hex(54A6C8)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(54A6C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54A6C8
RGB	84, 166, 200
RGB Percent	33%, 65%, 78%
CMY	0.6706, 0.3490, 0.2157
CMYK	0.58, 0.17, 0.00, 0.22
HSL	198°, 51%, 56%
HSV	198°, 58%, 78%
XYZ	27.7177, 33.3274, 59.6155
YIQ	145.3580, -59.7860, -6.8100

# Conversions

## Conversions Part 2

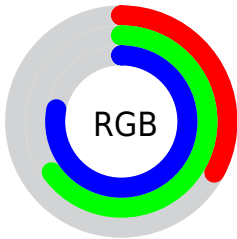
Format	Color
R <sub>Y</sub> B	84, 132, 200
Decimal	5547720
CIE Lab	64.43, -15.09, -24.95
CIE LCh	64, 29.161, 238.839
Yxy	33.3274, 0.2297, 0.2762
Android (android.graphics.Color)	4283737800 (0xFF54A6C8)
YUV	145.3580, 26.9385, -53.8110
Hunter-Lab	57.7299, -15.3245, -20.8157

# Details

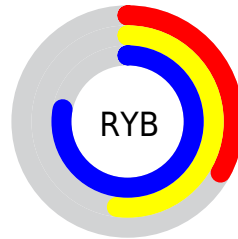
The Hex color **54A6C8** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **C87654**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **8EDDFF**, and **027292** is the 20% darker color. If you saturate the color by 10%, you get **40A0C8**, and if you desaturate by 10%, it is **68ACC8**.

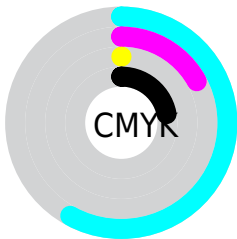
# Distribution



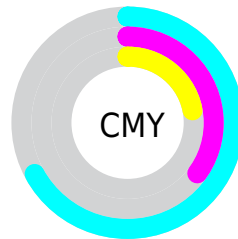
- Red (33%)
- Green (65%)
- Blue (78%)



- Red (33%)
- Yellow (52%)
- Blue (78%)



- Cyan (58%)
- Magenta (17%)
- Yellow (0%)
- Black (22%)



- Cyan (67%)
- Magenta (35%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54A6C8 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 54A6C8 by changing the saturation by 10% instead.



■ 54A6C8

■ 54A6C8

FFFFFF

■ 348CAD

■ 8EDDFF

■ 027292

■ ABFAFF

■ 005978

■ C8FFFF

■ 00425F

■ E6FFFF

■ 002C47

■ 001931

■ 00011C

■ 000000

■ 54A6C8

■ 54A6C8

■ 40A0C8

■ 68ACC8

■ 2C9AC8

■ 7CB2C8

■ 1894C8

■ 90B8C8

■ 048FC8

■ A4BDC8

■ 008DC8

■ B8C3C8

■ CCC9C8

■ E0CFC8

■ F4D5C8

■ FFDBC8

# Harmonies

## Analogous

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



46AAB4



54A6C8



789FD0

# Triad

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



54A6C8



CD899E



94A26E

# Complementary

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



54A6C8



C87654

# 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.



AF9A68



54A6C8



CF8B84

# Square

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



54A6C8



BC8DB8



C49171



76A880

# Rectangle

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



54A6C8



9299CD



C49171



9EA06A

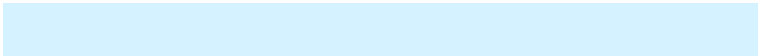


# Sweetspot

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



54A6C8



D4F2FF



54C875



667880



000000



808080



# Same Dimension

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



54A6C8



4DCBFF



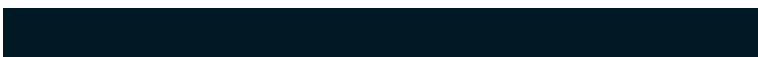
546DC8



5A6163



0073A3



001924



# Inverse Universe

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



C854A6



FF4DCB



C8AF54



635A61



A30073

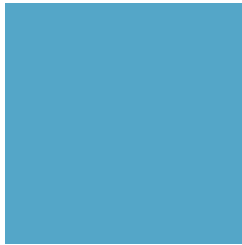


240019



# Previews

## White Background



This preview shows how the Hex color 54A6C8 looks on a white background.

## Color Contrast Check

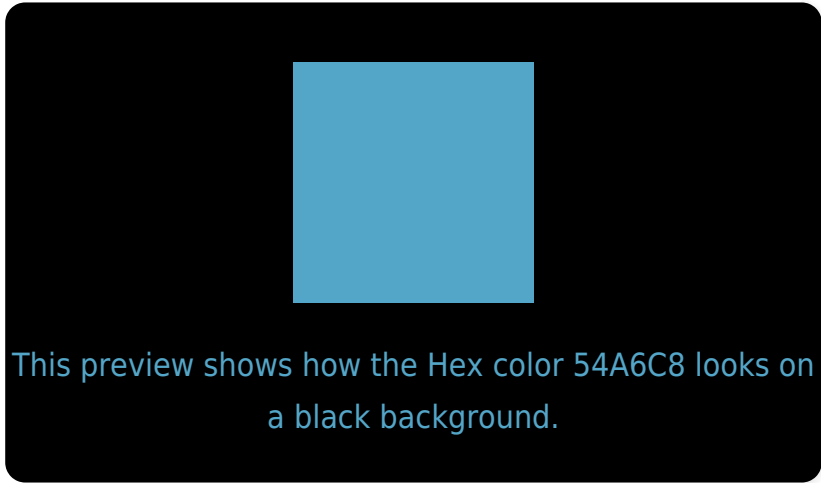
Large Text (above 18pt) WCAG AA × Fail

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 54A6C8 Background



This preview shows how black text looks on a background with the Hex color 54A6C8.

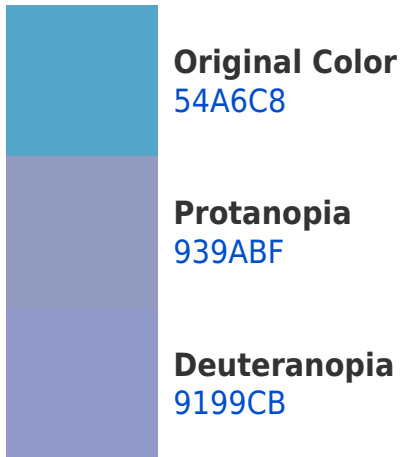


This preview shows how white text looks on a background with the Hex color 54A6C8.

# 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](#).

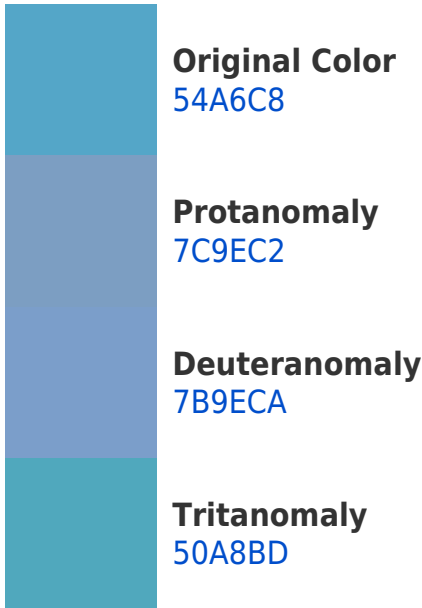
## Dichromacy



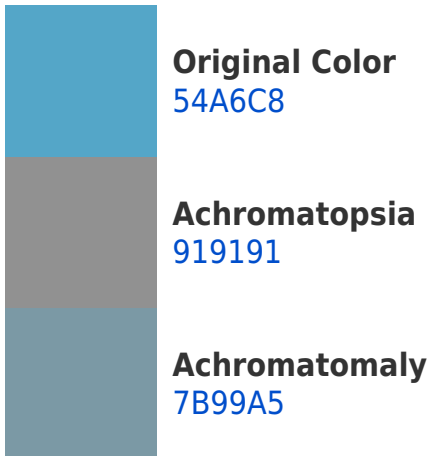


**Tritanopia**  
4DA9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54A6C8 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 #54A6C8 looks like.

```
.text, #text, p{  
    color:#54A6C8  
}
```

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 #54A6C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54A6C8
}
```

## Border

The CSS property to change the border of an element to Hex 54A6C8 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
#54A6C8 }
```

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

```
.border{ border-color:#54A6C8 }
```

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

Here you see how a box with a 4 pixel #54A6C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54A6C8; -webkit-box-shadow:4px 4px  
4px 4px #54A6C8; box-shadow:4px 4px 4px  
4px #54A6C8 }
```

# Background

The CSS property to change the background color of an element to Hex 54A6C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54A6C8 }
```

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

```
.background{ background-color:#54A6C8 }
```

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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