

# Converting Colors

Hex(549CA8)

Have a look what the booklet for  
Hex(549CA8) contains.

<b>Hex(549CA8)</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(549CA8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	549CA8
RGB	84, 156, 168
RGB Percent	33%, 61%, 66%
CMY	0.6706, 0.3882, 0.3412
CMYK	0.50, 0.07, 0.00, 0.34
HSL	189°, 33%, 49%
HSV	189°, 50%, 66%
XYZ	22.6125, 28.4889, 41.3529
YIQ	135.8400, -46.7640, -11.5320

# Conversions

## Conversions Part 2

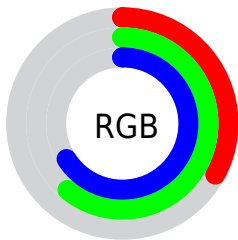
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 123, 168
Decimal	5545128
CIE <sub>Lab</sub>	60.33, -19.18, -13.24
CIE <sub>LCh</sub>	60, 23.305, 214.609
Yxy	28.4889, 0.2446, 0.3081
Android (android.graphics.Color)	4283735208 (0xFF549CA8)
YUV	135.8400, 15.8549, -45.4637
Hunter-Lab	53.3750, -17.7841, -8.5731

# Details

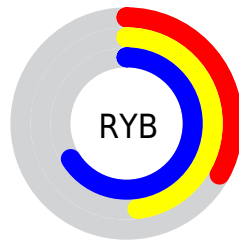
The Hex color **549CA8** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A86054**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **8BD3DF**, and **176974** is the 20% darker color. If you saturate the color by 10%, you get **439AA8**, and if you desaturate by 10%, it is **659EA8**.

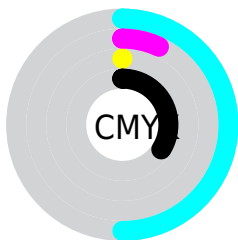
# Distribution



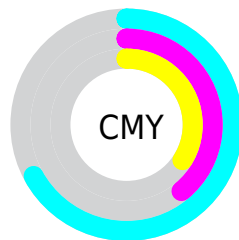
- Red (33%)
- Green (61%)
- Blue (66%)



- Red (33%)
- Yellow (48%)
- Blue (66%)



- Cyan (50%)
- Magenta (7%)
- Yellow (0%)
- Black (34%)



- Cyan (67%)
- Magenta (39%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 549CA8 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 549CA8 by changing the saturation by 10% instead.



■ 549CA8

■ 549CA8

FFFFFF

■ 38828E

■ 8BD3DF

■ 176974

■ A7EFFC

■ 00505B

■ C4FFFF

■ 003944

■ E1FFFF

■ 00232E

FEFFFF

■ 00041A

■ 000000

■ 549CA8

■ 549CA8

■ 439AA8

■ 659EA8

■ 3297A8

■ 76A1A8

■ 2295A8

■ 86A3A8

■ 1192A8

■ 97A6A8

■ 0090A8

■ A8A8A8

■ B9AAA8

■ CAADA8

■ DAAFA8

■ EBB2A8

# Harmonies

## Analogous

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



5B9D94



549CA8



6198B6

# Triad

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



549CA8



AF85A3



9D9168

# Complementary

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



549CA8



A86054

# 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.



AF8A6D



549CA8



BA828F

# Square

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



549CA8



998BB3



BA857B



87976F

# Rectangle

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



549CA8



7394BA



BA857B



A48F69



# Sweetspot

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



549CA8



BAD7DB



54A85F



5A6B6E



EDEDED



6E6E6E



# Same Dimension

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



549CA8



58C9DB



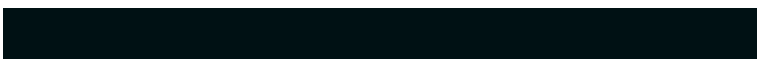
5473A8



4C5354



007F94



001114



# Inverse Universe

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



A8549C



DB58C9



A88954



544C53



94007F

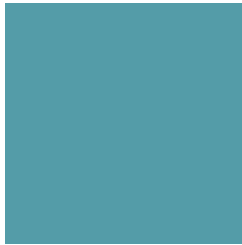


140011



# Previews

## White Background



This preview shows how the Hex color 549CA8 looks on a white background.

## Color Contrast Check

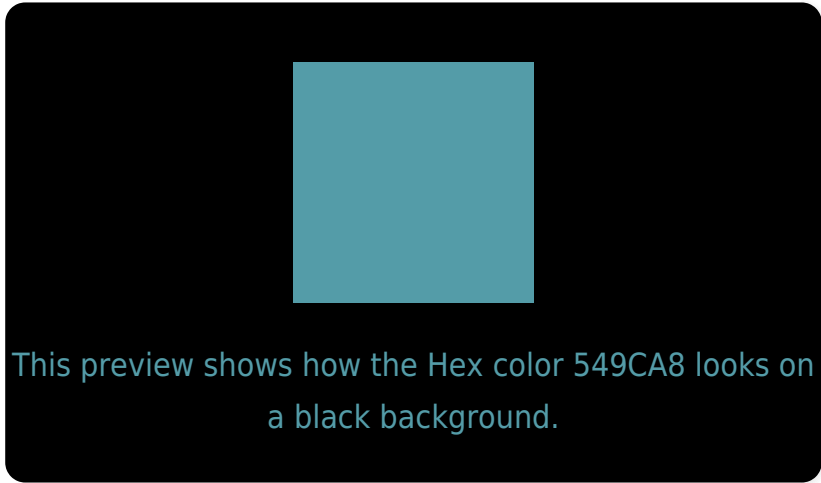
Large Text (above 18pt) WCAG AA ✓ Pass

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

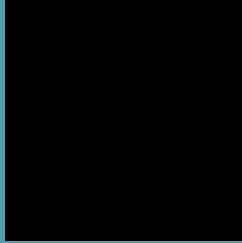
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 549CA8 Background



This preview shows how black text looks on a background with the Hex color 549CA8.

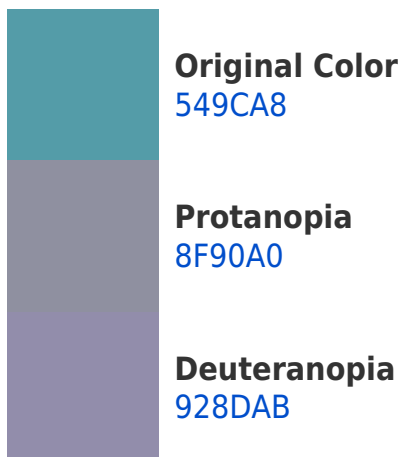


This preview shows how white text looks on a background with the Hex color 549CA8.

# 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](#).

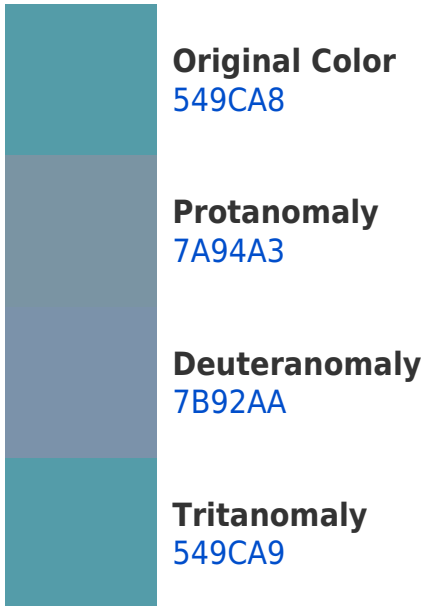
## Dichromacy



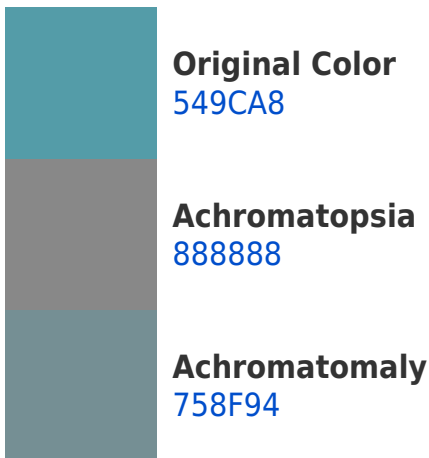


**Tritanopia**  
549CA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 549CA8 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 #549CA8 looks like.

```
.text, #text, p{  
    color:#549CA8  
}
```

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 #549CA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #549CA8
}
```

## Border

The CSS property to change the border of an element to Hex 549CA8 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
#549CA8 }
```

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

```
.border{ border-color:#549CA8 }
```

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

Here you see how a box with a 4 pixel #549CA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #549CA8; -webkit-box-shadow:4px 4px  
4px 4px #549CA8; box-shadow:4px 4px 4px  
4px #549CA8 }
```

# Background

The CSS property to change the background color of an element to Hex 549CA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#549CA8 }
```

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

```
.background{ background-color:#549CA8 }
```

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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