

# Converting Colors

Hex(549EA0)

Have a look what the booklet for  
Hex(549EA0) contains.

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**Color**

**Hex(549EA0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	549EA0
RGB	84, 158, 160
RGB Percent	33%, 62%, 63%
CMY	0.6706, 0.3804, 0.3725
CMYK	0.48, 0.01, 0.00, 0.37
HSL	182°, 31%, 48%
HSV	182°, 48%, 63%
XYZ	22.2282, 28.8766, 37.6599
YIQ	136.1020, -44.7460, -15.0660

# Conversions

## Conversions Part 2

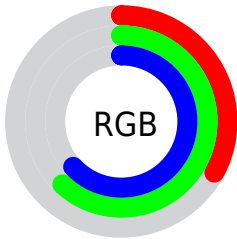
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 121, 160
Decimal	5545632
CIE <sub>Lab</sub>	60.67, -22.43, -8.20
CIE <sub>LCh</sub>	61, 23.883, 200.070
Yxy	28.8766, 0.2504, 0.3253
Android (android.graphics.Color)	4283735712 (0xFF549EA0)
YUV	136.1020, 11.7817, -45.6935
Hunter-Lab	53.7370, -20.2035, -3.9357

# Details

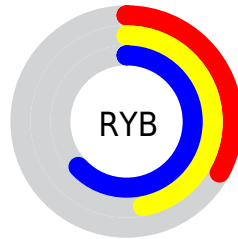
The Hex color **549EA0** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A05654**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **8BD5D7**, and **186A6D** is the 20% darker color. If you saturate the color by 10%, you get **449EA0**, and if you desaturate by 10%, it is **649EA0**.

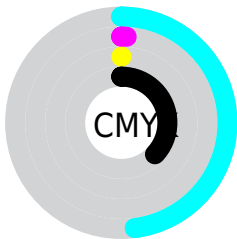
# Distribution



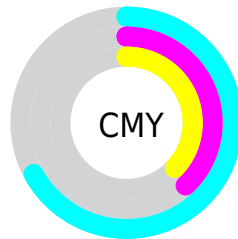
- Red (33%)
- Green (62%)
- Blue (63%)



- Red (33%)
- Yellow (47%)
- Blue (63%)



- Cyan (48%)
- Magenta (1%)
- Yellow (0%)
- Black (37%)



- Cyan (67%)
- Magenta (38%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 549EA0 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 549EA0 by changing the saturation by 10% instead.



■ 549EA0

■ 549EA0

FFFFFF

■ 388486

■ 8BD5D7

■ 186A6D

■ A7F1F3

■ 005254

■ C3FFFF

■ 003A3D

■ E0FFFF

■ 002527

■ F0FFFF

■ 000514

■ 000000

■ 549EA0

■ 549EA0

■ 449EA0

■ 649EA0

■ 349DA0

■ 749FA0

■ 249DA0

■ 849FA0

■ 149CA0

■ 94A0A0

■ 049CA0

■ A4A0A0

■ 009CA0

■ B4A1A0

■ C4A1A0

■ D4A1A0

■ E4A2A0

# Harmonies

## Analogous

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



649E8A



549EA0



579CB2

# Triad

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



549EA0



A788AE



A88F69

# Complementary

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



549EA0



A05654

# 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.



B78873



549EA0



B8849A

# Square

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



549EA0



8C8FBA



BD8385



93956A

# Rectangle

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



549EA0



6598B9



BD8385



AE8C6B



# Sweetspot

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



549EA0



B4D0D1



54A055



576869



E8E8E8



696969



# Same Dimension

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



549EA0



5ACED1



5479A0



474F4F



008B8F



000F0F



# Inverse Universe

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



A0549E



D15ACE



A07B54



4F474F



8F008B

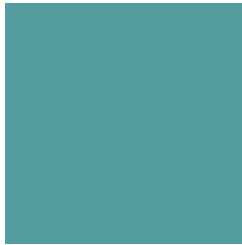


0F000F



# Previews

## White Background



This preview shows how the Hex color 549EA0 looks on a white background.

## Color Contrast Check

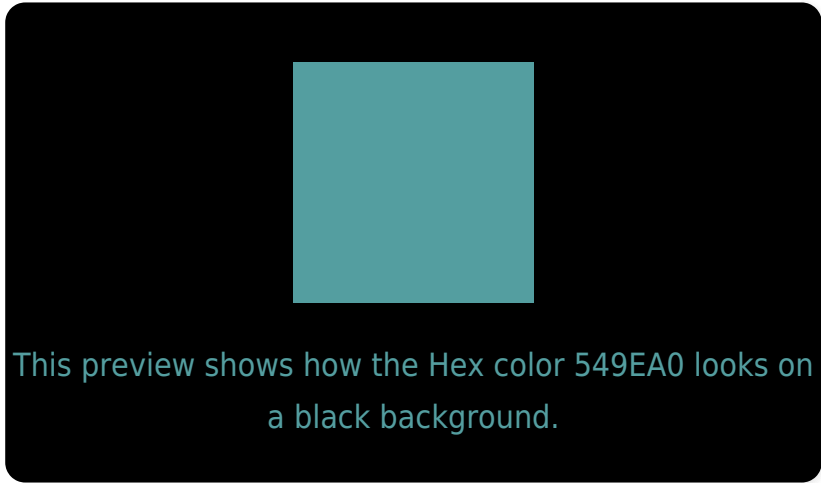
Large Text (above 18pt) WCAG AA ✓ Pass

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

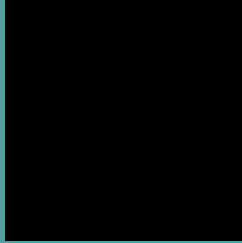
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 549EA0 Background



This preview shows how black text looks on a background with the Hex color 549EA0.

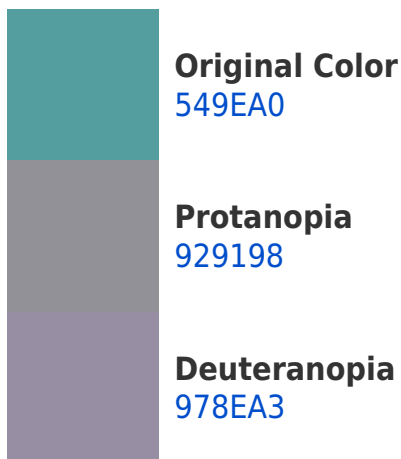


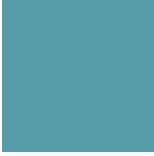
This preview shows how white text looks on a background with the Hex color 549EA0.

# 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



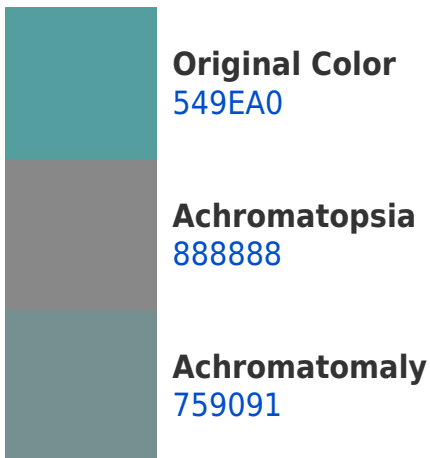


**Tritanopia**  
579DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 549EA0 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 #549EA0 looks like.

```
.text, #text, p{  
    color:#549EA0  
}
```

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 #549EA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #549EA0
}
```

## Border

The CSS property to change the border of an element to Hex 549EA0 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
#549EA0 }
```

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

```
.border{ border-color:#549EA0 }
```

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

Here you see how a box with a 4 pixel #549EA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #549EA0; -webkit-box-shadow:4px 4px  
4px 4px #549EA0; box-shadow:4px 4px 4px  
4px #549EA0 }
```

# Background

The CSS property to change the background color of an element to Hex 549EA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#549EA0 }
```

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

```
.background{ background-color:#549EA0 }
```

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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