

# Converting Colors

Hex(539EA6)

Have a look what the booklet for  
Hex(539EA6) contains.

<b>Hex(539EA6)</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(539EA6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	539EA6
RGB	83, 158, 166
RGB Percent	33%, 62%, 65%
CMY	0.6745, 0.3804, 0.3490
CMYK	0.50, 0.05, 0.00, 0.35
HSL	186°, 33%, 49%
HSV	186°, 50%, 65%
XYZ	22.6771, 29.0459, 40.4876
YIQ	136.4870, -47.2680, -13.4120

# Conversions

## Conversions Part 2

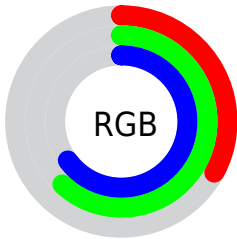
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 122, 166
Decimal	5480102
CIELab	60.82, -21.02, -11.37
CIElCh	61, 23.894, 208.407
Yxy	29.0459, 0.2459, 0.3150
Android (android.graphics.Color)	4283670182 (0xFF539EA6)
YUV	136.4870, 14.5499, -46.9081
Hunter-Lab	53.8942, -19.2075, -6.8152

# Details

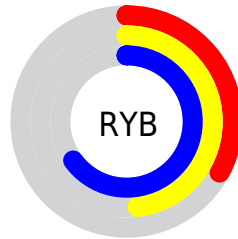
The Hex color **539EA6** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A65B53**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **8AD5DD**, and **146A72** is the 20% darker color. If you saturate the color by 10%, you get **429CA6**, and if you desaturate by 10%, it is **64A0A6**.

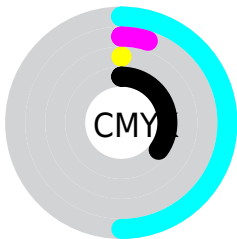
# Distribution



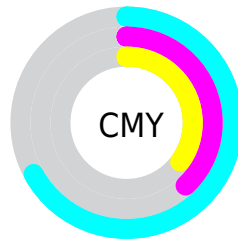
- Red (33%)
- Green (62%)
- Blue (65%)



- Red (33%)
- Yellow (48%)
- Blue (65%)



- Cyan (50%)
- Magenta (5%)
- Yellow (0%)
- Black (35%)



- Cyan (67%)
- Magenta (38%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 539EA6 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 539EA6 by changing the saturation by 10% instead.





539EA6



539EA6

FFFFFF



37848C



8AD5DD



146A72



A6F1FA



00525A



C3FFFF



003B42



E0FFFF



00252C



FDFFFF



000718



000000



539EA6



539EA6



429CA6



64A0A6

329BA6

74A1A6

2199A6

85A3A6

1198A6

95A4A6

0096A6

A6A6A6

B7A8A6

C7A9A6

D8ABA6

E8ACA6

# Harmonies

## Analogous

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



5E9E91



539EA6



5D9BB6

# Triad

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



539EA6



AD87A9



A39169

# Complementary

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



539EA6



A65B53

# 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.



B48A70



539EA6



BB8395

# Square

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



539EA6



948EB8



BD8580



8D986D

# Rectangle

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



539EA6



6D97BC



BD8580



AA8F6A



# Sweetspot

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



539EA6



B8D6D9



53A65A



5A6C6E



EDEDED



6E6E6E



# Same Dimension

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



539EA6



57CCD9



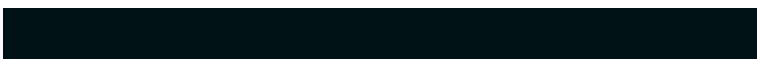
5376A6



4C5354



008694



001214



# Inverse Universe

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



A6539E



D957CC



A68353



544C53



940086

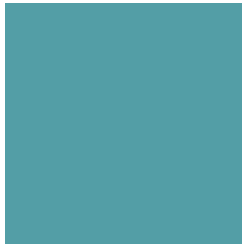


140012



# Previews

## White Background



This preview shows how the Hex color 539EA6 looks on a white background.

## Color Contrast Check

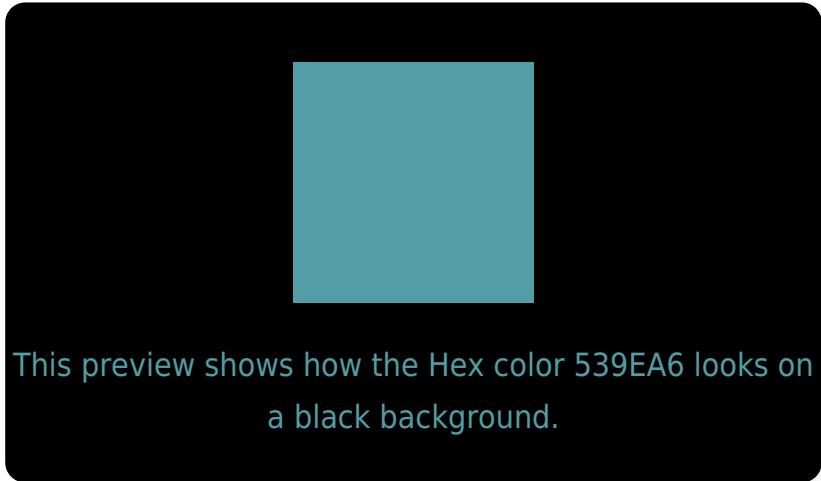
Large Text (above 18pt) WCAG AA ✓ Pass

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

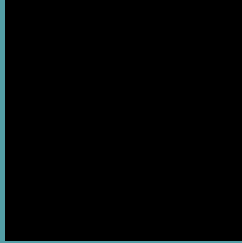
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 539EA6 Background



This preview shows how black text looks on a background with the Hex color 539EA6.

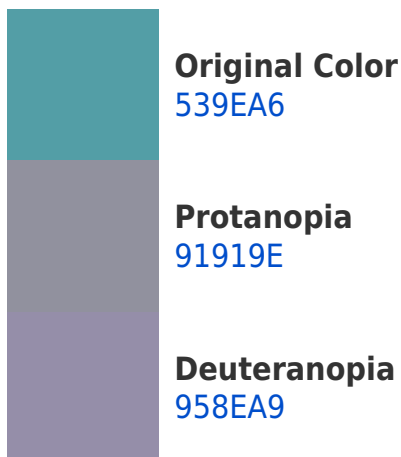


This preview shows how white text looks on a background with the Hex color 539EA6.

# 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**  
549DAA

# Trichromacy



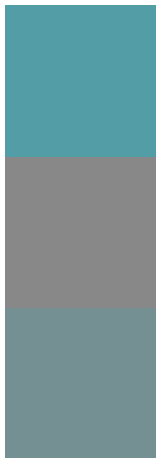
**Original Color**  
539EA6

**Protanomaly**  
7A96A1

**Deuteranomaly**  
7D94A8

**Tritanomaly**  
549DA9

# Monochromacy



**Original Color**  
539EA6

**Achromatopsia**  
888888

**Achromatomaly**  
759093

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 539EA6 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 #539EA6 looks like.

```
.text, #text, p{  
    color:#539EA6  
}
```

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 #539EA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #539EA6  
}
```

## Border

The CSS property to change the border of an element to Hex 539EA6 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  
#539EA6 }
```

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

```
.border{ border-color:#539EA6 }
```

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

Here you see how a box with a 4 pixel #539EA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #539EA6; -webkit-box-shadow:4px 4px  
4px 4px #539EA6; box-shadow:4px 4px 4px  
4px #539EA6 }
```

# Background

The CSS property to change the background color of an element to Hex 539EA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#539EA6 }
```

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

```
.background{ background-color:#539EA6 }
```

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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