

# Converting Colors

Hex(5A89A6)

Have a look what the booklet for  
Hex(5A89A6) contains.

<b>Hex(5A89A6)</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(5A89A6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A89A6
RGB	90, 137, 166
RGB Percent	35%, 54%, 65%
CMY	0.6471, 0.4627, 0.3490
CMYK	0.46, 0.17, 0.00, 0.35
HSL	203°, 30%, 50%
HSV	203°, 46%, 65%
XYZ	20.0450, 22.8182, 39.4243
YIQ	126.2530, -37.3210, -0.9450

# Conversions

## Conversions Part 2

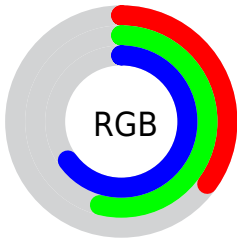
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	90, 119, 166
Decimal	5933478
CIE Lab	54.88, -7.92, -20.33
CIE LCh	55, 21.822, 248.723
Yxy	22.8182, 0.2436, 0.2773
Android (android.graphics.Color)	4284123558 (0xFF5A89A6)
YUV	126.2530, 19.5953, -31.7939
Hunter-Lab	47.7684, -8.6906, -15.4955

# Details

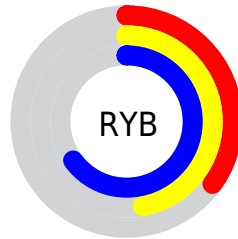
The Hex color **5A89A6** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A6775A**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **90BEDD**, and **245772** is the 20% darker color. If you saturate the color by 10%, you get **4983A6**, and if you desaturate by 10%, it is **6B8FA6**.

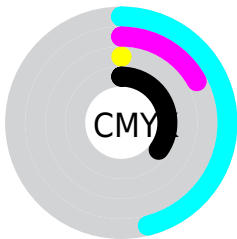
# Distribution



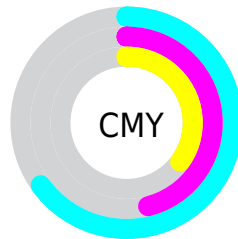
- Red (35%)
- Green (54%)
- Blue (65%)



- Red (35%)
- Yellow (47%)
- Blue (65%)



- Cyan (46%)
- Magenta (17%)
- Yellow (0%)
- Black (35%)



- Cyan (65%)
- Magenta (46%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A89A6 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 5A89A6 by changing the saturation by 10% instead.





5A89A6



5A89A6

FFFFFF



3F708C



90BEDD



245772



ABDAFA



004059



C7F7FF



002A42



E4FFFF



00162C



000117



000000



5A89A6



5A89A6



4983A6



6B8FA6

■ 397CA6

■ 7B96A6

■ 2876A6

■ 8C9CA6

■ 1870A6

■ 9CA2A6

■ 0769A6

■ ADA9A6

■ 0067A6

■ BEAFA6

■ CEB5A6

■ DFBCA6

■ EFC2A6

# Harmonies

## Analogous

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



4B8D9A



5A89A6



7483A8

# Triad

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



5A89A6



A9767E



778965

# Complementary

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



5A89A6



A6775A

# 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.



8C845E



5A89A6



A8786D

# Square

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



5A89A6



A07791



9D7E61



618D75

# Rectangle

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



5A89A6



857FA4



9D7E61



7E8862



# Sweetspot

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



5A89A6



BACDD9



5AA676



5B676E



EDEDED



6E6E6E



# Same Dimension

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



5A89A6



62ABD9



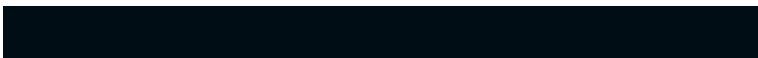
5A64A6



4C5154



005B94



000D14



# Inverse Universe

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



A65A89



D962AB



A69C5A



544C51



94005B



14000D



# Previews

## White Background



This preview shows how the Hex color 5A89A6 looks on a white background.

## Color Contrast Check

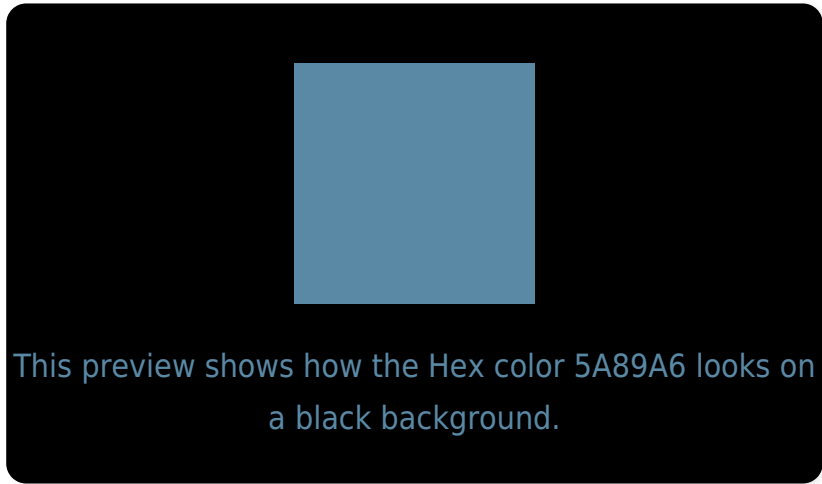
Large Text (above 18pt) WCAG AA ✓ Pass

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

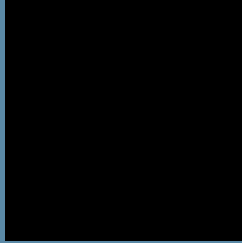
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

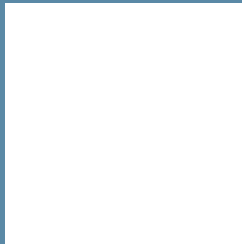
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5A89A6 Background



This preview shows how black text looks on a background with the Hex color 5A89A6.

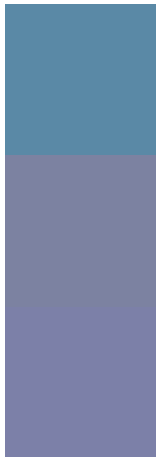


This preview shows how white text looks on a background with the Hex color 5A89A6.

# 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



**Original Color**  
5A89A6

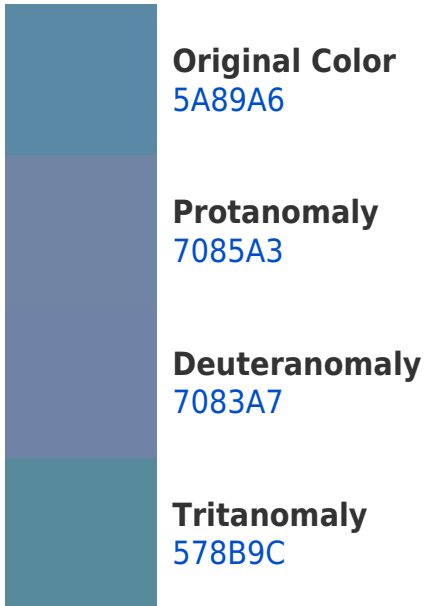
**Protanopia**  
7C82A1

**Deuteranopia**  
7C80A8



**Tritanopia**  
558C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A89A6 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 #5A89A6 looks like.

```
.text, #text, p{  
    color:#5A89A6  
}
```

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 #5A89A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A89A6
}
```

## Border

The CSS property to change the border of an element to Hex 5A89A6 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
#5A89A6 }
```

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

```
.border{ border-color:#5A89A6 }
```

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

Here you see how a box with a 4 pixel #5A89A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A89A6; -webkit-box-shadow:4px 4px  
4px 4px #5A89A6; box-shadow:4px 4px 4px  
4px #5A89A6 }
```

# Background

The CSS property to change the background color of an element to Hex 5A89A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A89A6 }
```

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

```
.background{ background-color:#5A89A6 }
```

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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