

# Converting Colors

Hex(5E99A9)

Have a look what the booklet for  
Hex(5E99A9) contains.

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# Color

Hex(5E99A9)

# Conversions

## Conversions Part 1

Format	Color
Hex	5E99A9
RGB	94, 153, 169
RGB Percent	37%, 60%, 66%
CMY	0.6314, 0.4000, 0.3373
CMYK	0.44, 0.09, 0.00, 0.34
HSL	193°, 30%, 52%
HSV	193°, 44%, 66%
XYZ	23.1688, 28.0267, 41.7247
YIQ	137.1830, -40.3000, -7.5320

# Conversions

## Conversions Part 2

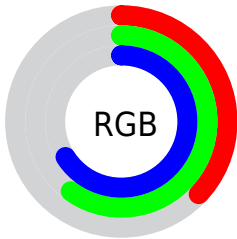
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 127, 169
Decimal	6199721
CIE <sub>Lab</sub>	59.91, -14.87, -14.39
CIE <sub>LCh</sub>	60, 20.691, 224.045
Yxy	28.0267, 0.2493, 0.3016
Android (android.graphics.Color)	4284389801 (0xFF5E99A9)
YUV	137.1830, 15.6858, -37.8715
Hunter-Lab	52.9403, -14.5268, -9.6710

# Details

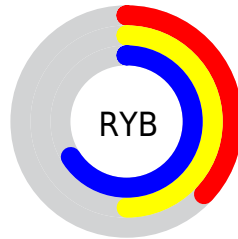
The Hex color **5E99A9** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A96E5E**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **94CFE0**, and **276675** is the 20% darker color. If you saturate the color by 10%, you get **4D95A9**, and if you desaturate by 10%, it is **6F9DA9**.

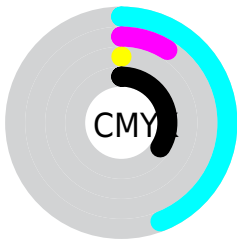
# Distribution



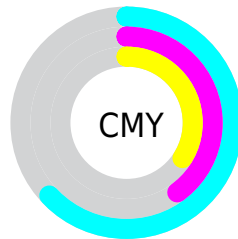
- Red (37%)
- Green (60%)
- Blue (66%)



- Red (37%)
- Yellow (50%)
- Blue (66%)



- Cyan (44%)
- Magenta (9%)
- Yellow (0%)
- Black (34%)



- Cyan (63%)
- Magenta (40%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E99A9 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 5E99A9 by changing the saturation by 10% instead.



■ 5E99A9

■ 5E99A9

FFFFFF

■ 437F8F

■ 94CFE0

■ 276675

■ B0ECFD

■ 014E5C

■ CCFFFF

■ 003745

■ E9FFFF

■ 00212E

■ 00011A

■ 000000

■ 5E99A9

■ 5E99A9

■ 4D95A9

■ 6F9DA9

■ 3C92A9

■ 80A0A9

■ 2B8EA9

■ 91A4A9

■ 1A8BA9

■ A2A7A9

■ 0A87A9

■ B2ABA9

■ 0085A9

■ C3AFA9

■ D4B2A9

■ E5B6A9

■ F6B9A9

# Harmonies

## Analogous

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



5E9B98



5E99A9



6E95B3

# Triad

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



5E99A9



AF849B



95926D

# Complementary

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



5E99A9



A96E5E

# 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.



A78C6E



5E99A9



B68388

# Square

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



5E99A9



9E89AB



B38678



809776

# Rectangle

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



5E99A9



7E91B4



B38678



9B906C



# Sweetspot

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



5E99A9



BFD5DB



5EA96D



5C6A6E



EDEDED



6E6E6E



# Same Dimension

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



5E99A9



67C3DB



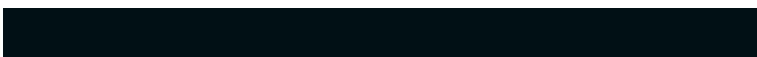
5E74A9



4C5254



007494



001014



# Inverse Universe

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



A95E99



DB67C3



A9925E



544C52



940074

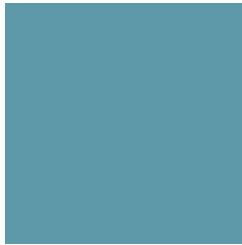


140010



# Previews

## White Background



This preview shows how the Hex color 5E99A9 looks on a white background.

## Color Contrast Check

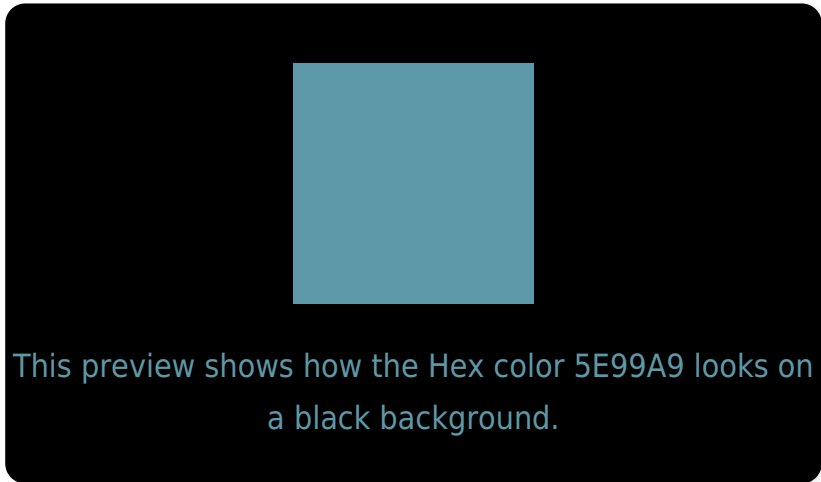
Large Text (above 18pt) WCAG AA ✓ Pass

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

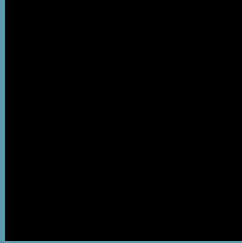
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5E99A9 Background



This preview shows how black text looks on a background with the Hex color 5E99A9.

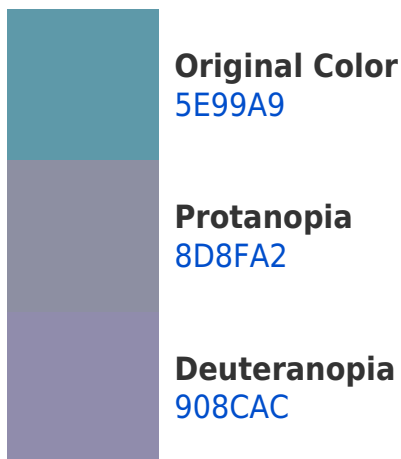


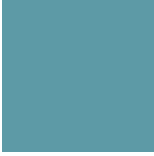
This preview shows how white text looks on a background with the Hex color 5E99A9.

# 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](#).

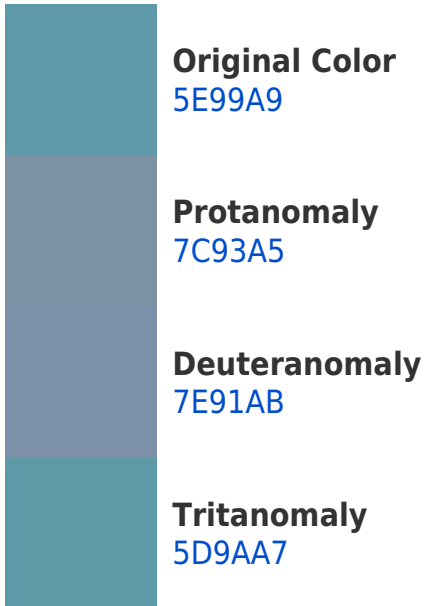
## Dichromacy





**Tritanopia**  
5D9AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E99A9 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 #5E99A9 looks like.

```
.text, #text, p{  
    color:#5E99A9  
}
```

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 #5E99A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E99A9
}
```

## Border

The CSS property to change the border of an element to Hex 5E99A9 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
#5E99A9 }
```

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

```
.border{ border-color:#5E99A9 }
```

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

Here you see how a box with a 4 pixel #5E99A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E99A9; -webkit-box-shadow:4px 4px  
4px 4px #5E99A9; box-shadow:4px 4px 4px  
4px #5E99A9 }
```

# Background

The CSS property to change the background color of an element to Hex 5E99A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E99A9 }
```

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

```
.background{ background-color:#5E99A9 }
```

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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