

Converting Colors

Hex(5B85A9)

Have a look what the booklet for
Hex(5B85A9) contains.

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Color

Hex(5B85A9)

Conversions

Conversions Part 1

Format	Color
Hex	5B85A9
RGB	91, 133, 169
RGB Percent	36%, 52%, 66%
CMY	0.6431, 0.4784, 0.3373
CMYK	0.46, 0.21, 0.00, 0.34
HSL	208°, 31%, 51%
HSV	208°, 46%, 66%
XYZ	19.8633, 21.8638, 40.7093
YIQ	124.5460, -36.5880, 2.2920

Conversions

Conversions Part 2

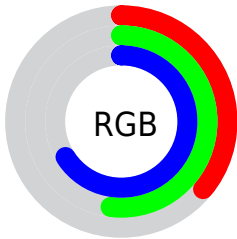
Format	Color
R_{YB}	91, 118, 169
Decimal	5997993
CIE _{Lab}	53.88, -4.50, -23.59
CIE _{LCh}	54, 24.020, 259.202
Yxy	21.8638, 0.2410, 0.2652
Android (android.graphics.Color)	4284188073 (0xFF5B85A9)
YUV	124.5460, 21.9158, -29.4198
Hunter-Lab	46.7587, -6.0000, -18.8883

Details

The Hex color **5B85A9** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A97F5B**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **91BAE0**, and **255475** is the 20% darker color. If you saturate the color by 10%, you get **4A7DA9**, and if you desaturate by 10%, it is **6C8DA9**.

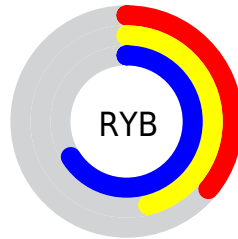
Distribution



Red (36%)

Green (52%)

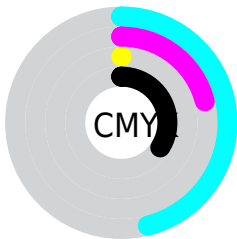
Blue (66%)



Red (36%)

Yellow (46%)

Blue (66%)

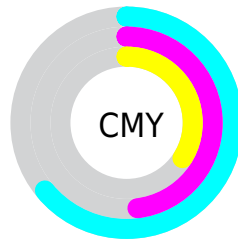


Cyan (46%)

Magenta (21%)

Yellow (0%)

Black (34%)



Cyan (64%)

Magenta (48%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B85A9 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 5B85A9 by changing the saturation by 10% instead.



5B85A9



5B85A9

FFFFFF



406C8E



91BAE0



255475



ACD6FD



003D5C



C9F2FF



002744



E5FFFF



00122E



000119



000000



5B85A9



5B85A9



4A7DA9



6C8DA9

■ 3975A9

■ 7D95A9

■ 286EA9

■ 8E9CA9

■ 1766A9

■ 9FA4A9

■ 065EA9

■ AFACA9

■ 005BA9

■ C0B4A9

■ D1BCA9

■ E2C3A9

■ F3CBA9

Harmonies

Analogous

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



438A9F



5B85A9



797EA8

Triad

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



5B85A9



AA7274



6A8965

Complementary

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



5B85A9



A97F5B

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.



828459



5B85A9



A57662

Square

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



5B85A9



A57289



967D58



528C78

Rectangle

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



5B85A9



8C79A1



967D58



728760

Sweetspot

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



5B85A9



BDCDDB



5BA97E



5B656E



EDEDED



6E6E6E

Same Dimension

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



5B85A9



63A4DB



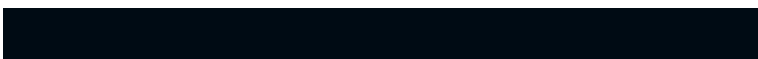
5B5FA9



4C5054



005094



000B14

Inverse Universe

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



A95B85



DB63A4



A9A55B



544C50



940050



14000B

Previews

White Background



This preview shows how the Hex color 5B85A9 looks on a white background.

Color Contrast Check

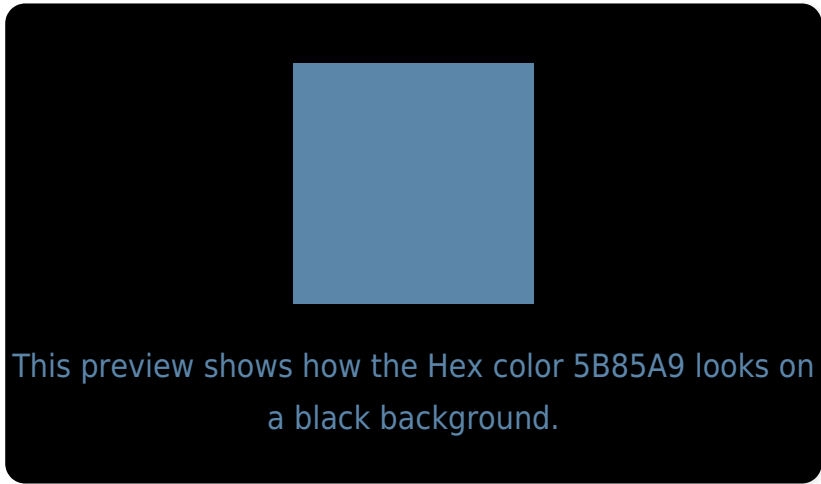
Large Text (above 18pt) WCAG AA ✓ Pass

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

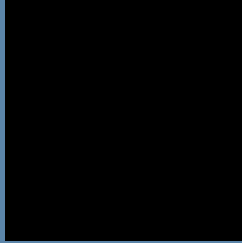
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

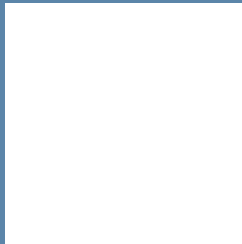
Any Text WCAG AAA × Fail

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

Hex 5B85A9 Background



This preview shows how black text looks on a background with the Hex color 5B85A9.

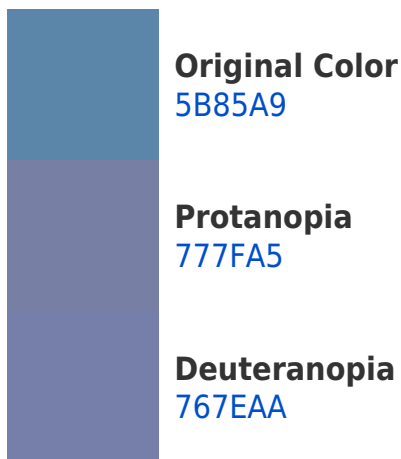


This preview shows how white text looks on a background with the Hex color 5B85A9.

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](#).

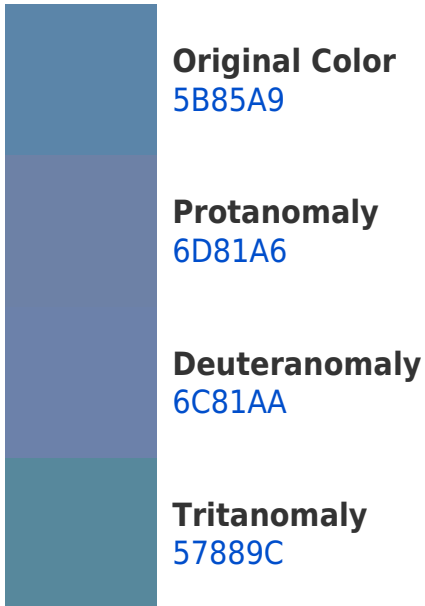
Dichromacy



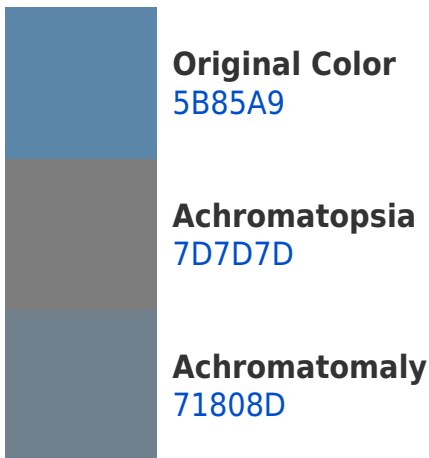


Tritanopia
558994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B85A9 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 #5B85A9 looks like.

```
.text, #text, p{  
    color:#5B85A9  
}
```

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 #5B85A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B85A9
}
```

Border

The CSS property to change the border of an element to Hex 5B85A9 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
#5B85A9 }
```

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

```
.border{ border-color:#5B85A9 }
```

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

Here you see how a box with a 4 pixel #5B85A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B85A9; -webkit-box-shadow:4px 4px  
4px 4px #5B85A9; box-shadow:4px 4px 4px  
4px #5B85A9 }
```

Background

The CSS property to change the background color of an element to Hex 5B85A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B85A9 }
```

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

```
.background{ background-color:#5B85A9 }
```

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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