

# Converting Colors

Hex(5B829B)

Have a look what the booklet for  
Hex(5B829B) contains.

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# Color

Hex(5B829B)

# Conversions

## Conversions Part 1

Format	Color
Hex	5B829B
RGB	91, 130, 155
RGB Percent	36%, 51%, 61%
CMY	0.6431, 0.4902, 0.3922
CMYK	0.41, 0.16, 0.00, 0.39
HSL	203°, 26%, 48%
HSV	203°, 41%, 61%
XYZ	18.2134, 20.5560, 34.0181
YIQ	121.1890, -31.2690, -0.4930

# Conversions

## Conversions Part 2

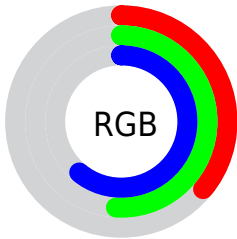
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	91, 115, 155
Decimal	5997211
CIE Lab	52.46, -6.82, -17.68
CIE LCh	52, 18.947, 248.889
Yxy	20.5560, 0.2502, 0.2824
Android (android.graphics.Color)	4284187291 (0xFF5B829B)
YUV	121.1890, 16.6688, -26.4758
Hunter-Lab	45.3387, -7.6359, -12.7488

# Details

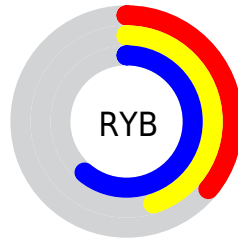
The Hex color **5B829B** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **9B745B**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **90B7D1**, and **285168** is the 20% darker color. If you saturate the color by 10%, you get **4C7C9B**, and if you desaturate by 10%, it is **6B889B**.

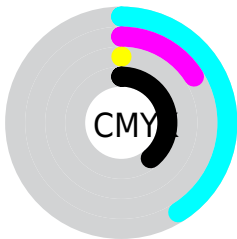
# Distribution



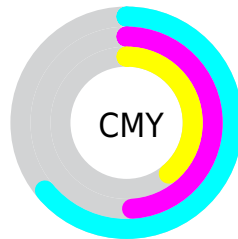
- Red (36%)
- Green (51%)
- Blue (61%)



- Red (36%)
- Yellow (45%)
- Blue (61%)



- Cyan (41%)
- Magenta (16%)
- Yellow (0%)
- Black (39%)



- Cyan (64%)
- Magenta (49%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B829B 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 5B829B by changing the saturation by 10% instead.





5B829B



5B829B

FFFFFF



416981



90B7D1



285168



ABD2EE



093A50



C7EFFF



002439



E3FFFF



000F23



00000B



000000



5B829B



5B829B



4C7C9B



6B889B

■ 3C769B

■ 7A8E9B

■ 2D709B

■ 8A949B

■ 1D6A9B

■ 999A9B

■ 0E649B

■ A9A09B

■ 005E9B

■ B8A69B

■ C8AC9B

■ D7B29B

■ E7B89B

# Harmonies

## Analogous

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



4F8591



5B829B



707D9D

# Triad

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



5B829B



9E7179



728264

# Complementary

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



5B829B



9B745B

# 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.



847E5D



5B829B



9D7469

# Square

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



5B829B



967389



93785F



608571

# Rectangle

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



5B829B



7F799A



93785F



788160



# Sweetspot

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



5B829B



B1C0C9



5B9B74



586066



E6E6E6



666666



# Same Dimension

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



5B829B



65A2C9



5B629B



454A4D



00558C



00080D



# Inverse Universe

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



9B5B82



C965A2



9B945B



4D454A



8C0055



0D0008



# Previews

## White Background



This preview shows how the Hex color 5B829B looks on a white background.

## Color Contrast Check

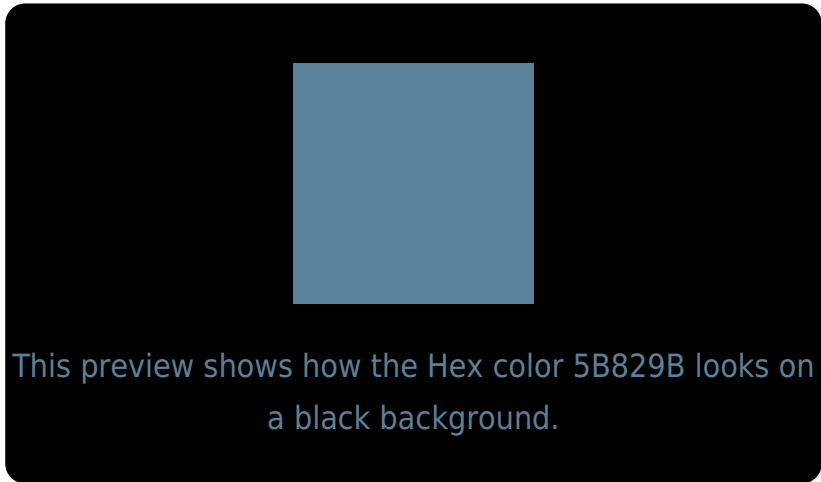
Large Text (above 18pt) WCAG AA ✓ Pass

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

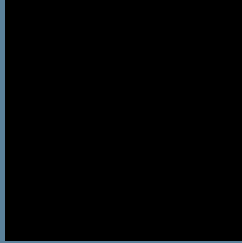
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

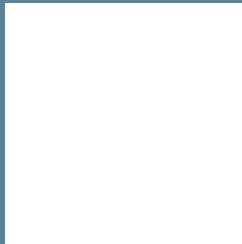
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5B829B Background



This preview shows how black text looks on a background with the Hex color 5B829B.

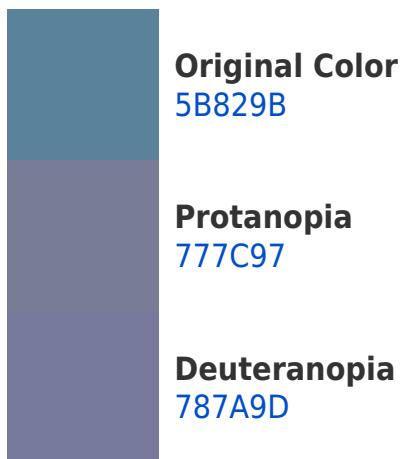



This preview shows how white text looks on a background with the Hex color 5B829B.

# 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**  
58848F

# Trichromacy



**Original Color**  
5B829B

**Protanomaly**  
6D7E98

**Deuteranomaly**  
6D7D9C

**Tritanomaly**  
598393

# Monochromacy



**Original Color**  
5B829B

**Achromatopsia**  
797979

**Achromatomaly**  
6E7C85

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B829B 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 #5B829B looks like.

```
.text, #text, p{  
    color:#5B829B  
}
```

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 #5B829B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B829B
}
```

## Border

The CSS property to change the border of an element to Hex 5B829B 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
#5B829B }
```

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

```
.border{ border-color:#5B829B }
```

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

Here you see how a box with a 4 pixel #5B829B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B829B; -webkit-box-shadow:4px 4px  
4px 4px #5B829B; box-shadow:4px 4px 4px  
4px #5B829B }
```

# Background

The CSS property to change the background color of an element to Hex 5B829B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B829B }
```

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

```
.background{ background-color:#5B829B }
```

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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