

# Converting Colors

Hex(5785B1)

Have a look what the booklet for  
Hex(5785B1) contains.

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# Color

**Hex(5785B1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5785B1
RGB	87, 133, 177
RGB Percent	34%, 52%, 69%
CMY	0.6588, 0.4784, 0.3059
CMYK	0.51, 0.25, 0.00, 0.31
HSL	209°, 37%, 52%
HSV	209°, 51%, 69%
XYZ	20.2538, 21.9756, 44.7692
YIQ	124.2620, -41.5400, 3.9320

# Conversions

## Conversions Part 2

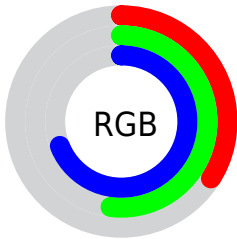
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 117, 177
Decimal	5735857
CIE <sub>Lab</sub>	54.00, -3.08, -28.03
CIE <sub>LCh</sub>	54, 28.197, 263.727
Yxy	21.9756, 0.2328, 0.2526
Android (android.graphics.Color)	4283925937 (0xFF5785B1)
YUV	124.2620, 25.9998, -32.6788
Hunter-Lab	46.8782, -4.9154, -23.8079

# Details

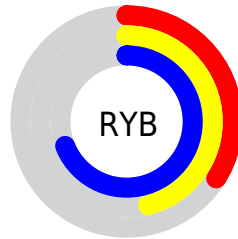
The Hex color **5785B1** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B18357**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **8EBAE9**, and **1D547C** is the 20% darker color. If you saturate the color by 10%, you get **457CB1**, and if you desaturate by 10%, it is **698EB1**.

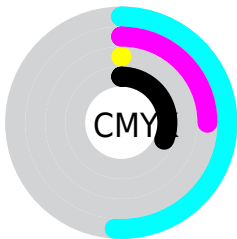
# Distribution



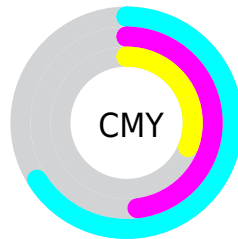
- Red (34%)
- Green (52%)
- Blue (69%)



- Red (34%)
- Yellow (46%)
- Blue (69%)



- Cyan (51%)
- Magenta (25%)
- Yellow (0%)
- Black (31%)



- Cyan (66%)
- Magenta (48%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5785B1 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 5785B1 by changing the saturation by 10% instead.



■ 5785B1

■ 5785B1

FFFFFF

■ 3B6C96

■ 8EBAE9

■ 1D547C

■ AAD6FF

■ 003D63

■ C6F2FF

■ 00274B

■ E3FFFF

■ 001334

■ 00021F

■ 000001

■ 000000

■ 5785B1

■ 5785B1

457CB1

698EB1

3474B1

7A96B1

226BB1

8C9FB1

1062B1

9EA8B1

005AB1

B0B0B1

C1B9B1

D3C2B1

E5CAB1

F6D3B1

# Harmonies

## Analogous

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



338BA8



5785B1



7D7DAD

# Triad

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



5785B1



B1706F



628B64

# Complementary

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



5785B1



B18357

# 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.



7E8654



5785B1



A8765B

# Square

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



5785B1



AD6F87



967E51



448E7B

# Rectangle

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



5785B1



9277A4



967E51



6B8A5D



# Sweetspot

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



5785B1



C3D5E6



57B183



5E6973



F2F2F2



737373



# Same Dimension

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



5785B1



5AA1E6



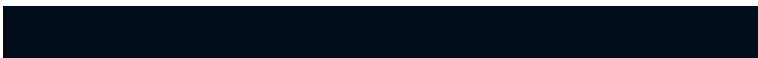
5759B1



505559



004E99



000D1A



# Inverse Universe

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



B15785



E65AA1



B1B057



595055



99004E



1A000D



# Previews

## White Background



This preview shows how the Hex color 5785B1 looks on a white background.

## Color Contrast Check

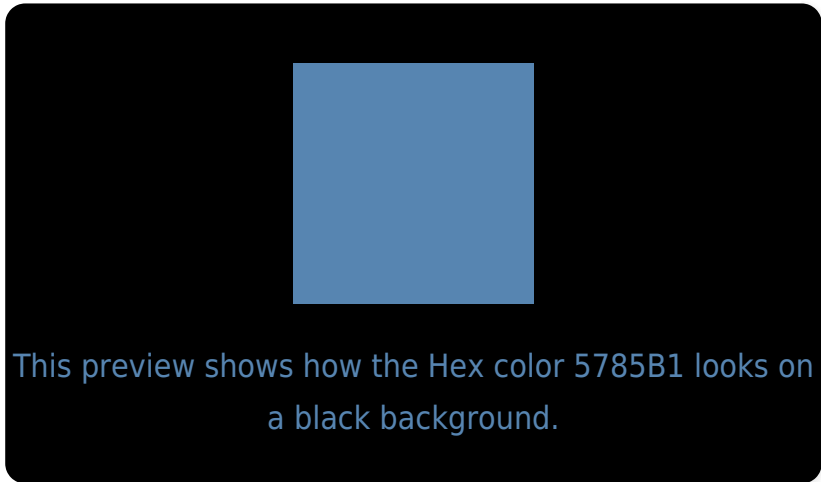
Large Text (above 18pt) WCAG AA ✓ Pass

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

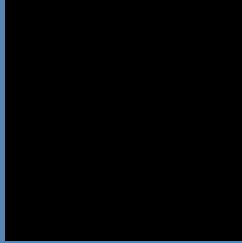
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5785B1 Background



This preview shows how black text looks on a background with the Hex color 5785B1.

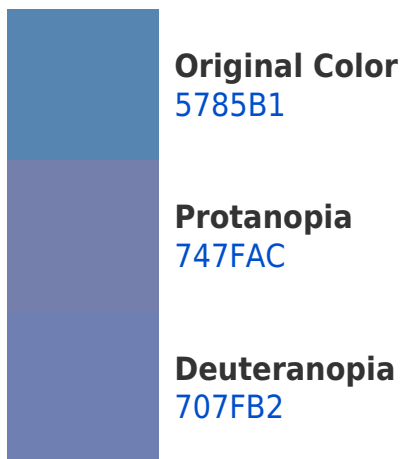



This preview shows how white text looks on a background with the Hex color 5785B1.

# 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](#).

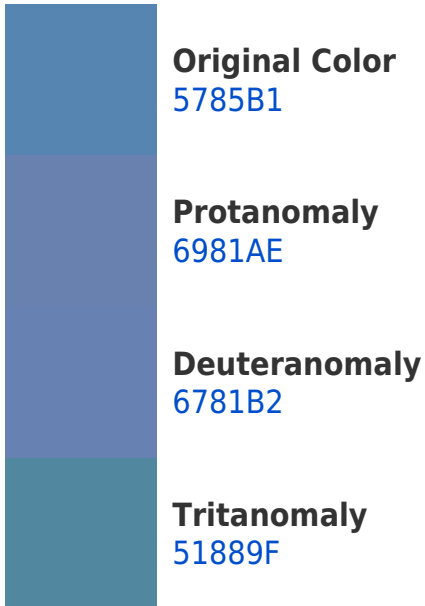
## Dichromacy



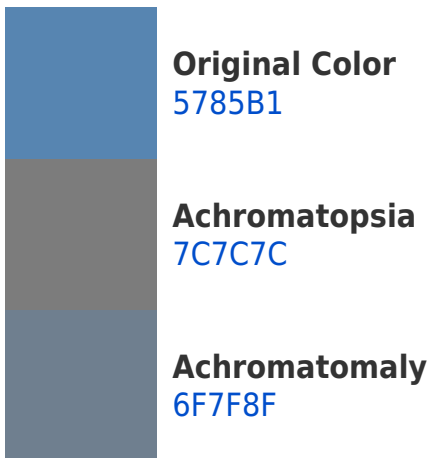


**Tritanopia**  
4E8A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5785B1 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 #5785B1 looks like.

```
.text, #text, p{  
    color:#5785B1  
}
```

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 #5785B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5785B1
}
```

## Border

The CSS property to change the border of an element to Hex 5785B1 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
#5785B1 }
```

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

```
.border{ border-color:#5785B1 }
```

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

Here you see how a box with a 4 pixel #5785B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5785B1; -webkit-box-shadow:4px 4px  
4px 4px #5785B1; box-shadow:4px 4px 4px  
4px #5785B1 }
```

# Background

The CSS property to change the background color of an element to Hex 5785B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5785B1 }
```

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

```
.background{ background-color:#5785B1 }
```

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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