

# Converting Colors

Hex(5886C1)

Have a look what the booklet for  
Hex(5886C1) contains.

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# Color

Hex(5886C1)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5886C1
RGB	88, 134, 193
RGB Percent	35%, 53%, 76%
CMY	0.6549, 0.4745, 0.2431
CMYK	0.54, 0.31, 0.00, 0.24
HSL	214°, 46%, 55%
HSV	214°, 54%, 76%
XYZ	22.1752, 22.9752, 53.7180
YIQ	126.9720, -46.3550, 8.5970

# Conversions

## Conversions Part 2

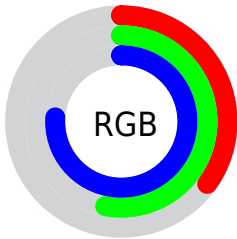
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	88, 120, 193
Decimal	5801665
CIE Lab	55.05, 1.57, -35.54
CIE LCh	55, 35.574, 272.533
Yxy	22.9752, 0.2243, 0.2324
Android (android.graphics.Color)	4283991745 (0xFF5886C1)
YUV	126.9720, 32.5518, -34.1784
Hunter-Lab	47.9324, -1.3013, -32.8938

# Details

The Hex color **5886C1** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **C19358**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **90BBFA**, and **18558B** is the 20% darker color. If you saturate the color by 10%, you get **457BC1**, and if you desaturate by 10%, it is **6B91C1**.

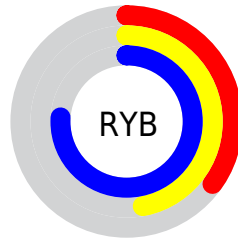
# Distribution



Red (35%)

Green (53%)

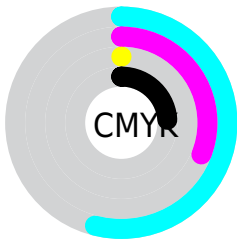
Blue (76%)



Red (35%)

Yellow (47%)

Blue (76%)

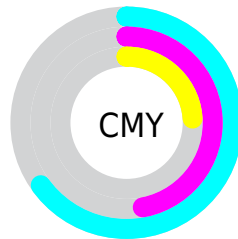


Cyan (54%)

Magenta (31%)

Yellow (0%)

Black (24%)



Cyan (65%)

Magenta (47%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5886C1 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 5886C1 by changing the saturation by 10% instead.



■ 5886C1

■ 5886C1

FFFFFF

■ 3B6DA6

■ 90BBFA

■ 18558B

■ ADD7FF

■ 003E71

■ C9F3FF

■ 002859

■ E7FFFF

■ 001441

■ 00032A

■ 000114

■ 000000

■ 5886C1

■ 5886C1

■ 457BC1

■ 6B91C1

■ 3170C1

■ 7F9CC1

■ 1E65C1

■ 92A7C1

■ 0B5BC1

■ A5B1C1

■ 0055C1

■ B9BCC1

■ CCC7C1

■ DFD2C1

■ F2DDC1

■ FFE8C1

# Harmonies

## Analogous

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



008EBA



5886C1



8A7BB8

# Triad

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



5886C1



BD6E64



4E9166

# Complementary

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



5886C1



C19358

# 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.



748C4E



5886C1



AE784E

# Square

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



5886C1



BD6B82



958345



129485

# Rectangle

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



5886C1



A373AA



958345



5C905D

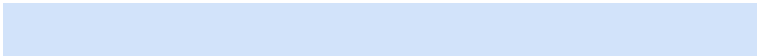


# Sweetspot

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



5886C1



D2E3FA



58C192



65707D



FCFCFC



7D7D7D



# Same Dimension

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



5886C1



579FFA



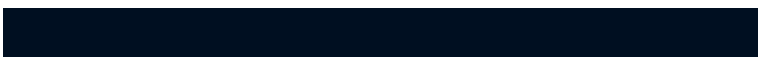
5D58C1



575B61



0046A1



000F21



# Inverse Universe

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



C15886



FA579F



BCC158



61575B



A10046



21000F



# Previews

## White Background



This preview shows how the Hex color 5886C1 looks on a white background.

## Color Contrast Check

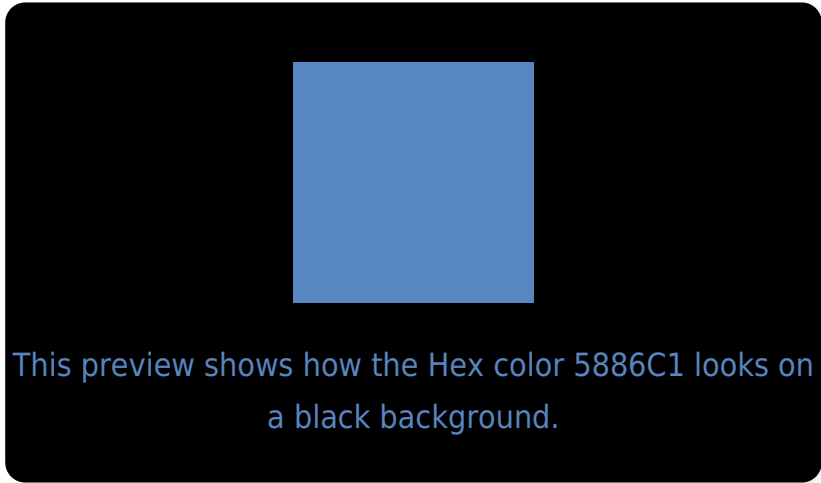
Large Text (above 18pt) WCAG AA ✓ Pass

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

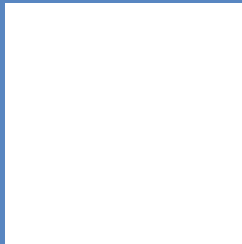
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5886C1 Background



This preview shows how black text looks on a background with the Hex color 5886C1.

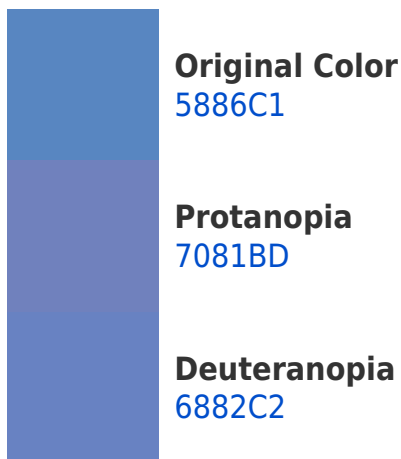


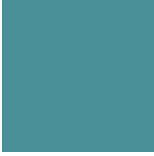
This preview shows how white text looks on a background with the Hex color 5886C1.

# 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](#).

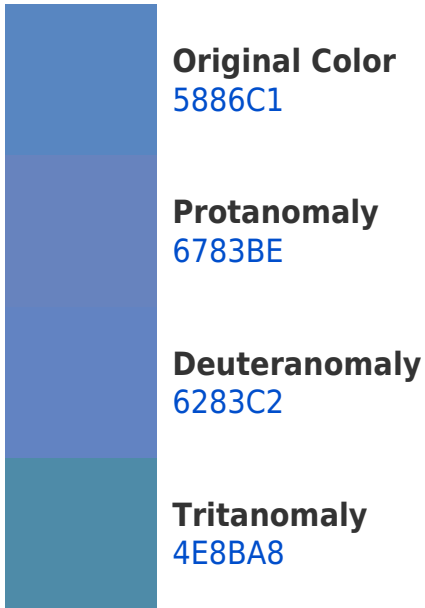
## Dichromacy



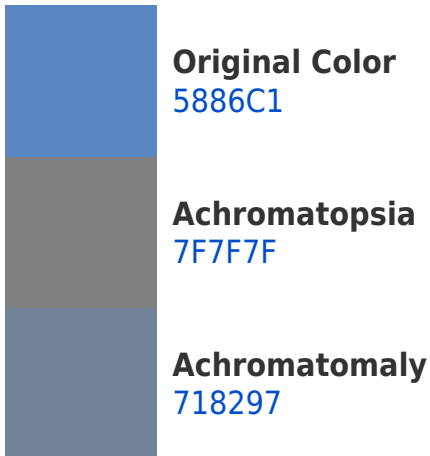


**Tritanopia**  
498E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5886C1 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 #5886C1 looks like.

```
.text, #text, p{  
    color:#5886C1  
}
```

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 #5886C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5886C1
}
```

## Border

The CSS property to change the border of an element to Hex 5886C1 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
#5886C1 }
```

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

```
.border{ border-color:#5886C1 }
```

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

Here you see how a box with a 4 pixel #5886C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5886C1; -webkit-box-shadow:4px 4px  
4px 4px #5886C1; box-shadow:4px 4px 4px  
4px #5886C1 }
```

# Background

The CSS property to change the background color of an element to Hex 5886C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5886C1 }
```

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

```
.background{ background-color:#5886C1 }
```

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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