

# Converting Colors

Hex(5786CB)

Have a look what the booklet for  
Hex(5786CB) contains.

<b>Hex(5786CB)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(5786CB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5786CB
RGB	87, 134, 203
RGB Percent	34%, 53%, 80%
CMY	0.6588, 0.4745, 0.2039
CMYK	0.57, 0.34, 0.00, 0.20
HSL	216°, 53%, 57%
HSV	216°, 57%, 80%
XYZ	23.2351, 23.3882, 59.7897
YIQ	127.8130, -50.1610, 11.4950

# Conversions

## Conversions Part 2

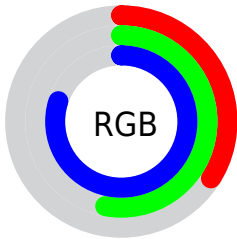
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 120, 203
Decimal	5736139
CIE <sub>Lab</sub>	55.47, 4.58, -40.55
CIE <sub>LCh</sub>	55, 40.810, 276.437
Yxy	23.3882, 0.2183, 0.2198
Android (android.graphics.Color)	4283926219 (0xFF5786CB)
YUV	127.8130, 37.0672, -35.7930
Hunter-Lab	48.3614, 1.1273, -39.4479

# Details

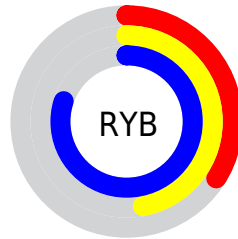
The Hex color **5786CB** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **CB9C57**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **90BBFF**, and **105594** is the 20% darker color. If you saturate the color by 10%, you get **437ACB**, and if you desaturate by 10%, it is **6B92CB**.

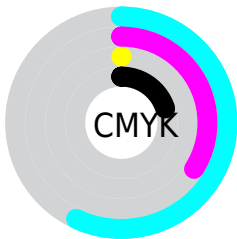
# Distribution



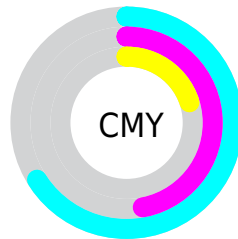
- Red (34%)
- Green (53%)
- Blue (80%)



- Red (34%)
- Yellow (47%)
- Blue (80%)



- Cyan (57%)
- Magenta (34%)
- Yellow (0%)
- Black (20%)



- Cyan (66%)
- Magenta (47%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5786CB 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 5786CB by changing the saturation by 10% instead.



■ 5786CB

■ 5786CB

FFFFFF

■ 386DAF

■ 90BBFF

■ 105594

■ ADD7FF

■ 003E7A

■ CAF3FF

■ 002961

■ E8FFFF

■ 001549

■ 000432

■ 00011C

■ 000000

■ 5786CB

■ 5786CB

■ 437ACB

■ 6B92CB

■ 2E6ECB

■ 809ECB

■ 1A62CB

■ 94AACB

■ 0656CB

■ A8B6CB

■ 0052CB

■ BDC2CB

■ D1CECB

■ E5DBCB

■ F9E7CB

■ FFF3CB

# Harmonies

## Analogous

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



0090C5



5786CB



9279BE

# Triad

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



5786CB



C46D5D



3D9567

# Complementary

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



5786CB



CB9C57

# 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.



6D8F4A



5786CB



B17944

# Square

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



5786CB



C7677F



93853C



00978C

# Rectangle

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



5786CB



AD70AC



93853C



4F935C



# Sweetspot

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



5786CB



D4E5FF



57CB9B



667080



000000



808080



# Same Dimension

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



5786CB



4F96FF



6157CB



5C6066



0043A6



000F26



# Inverse Universe

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



CB5786



FF4F96



C1CB57



665C60



A60043



26000F



# Previews

## White Background



This preview shows how the Hex color 5786CB looks on a white background.

## Color Contrast Check

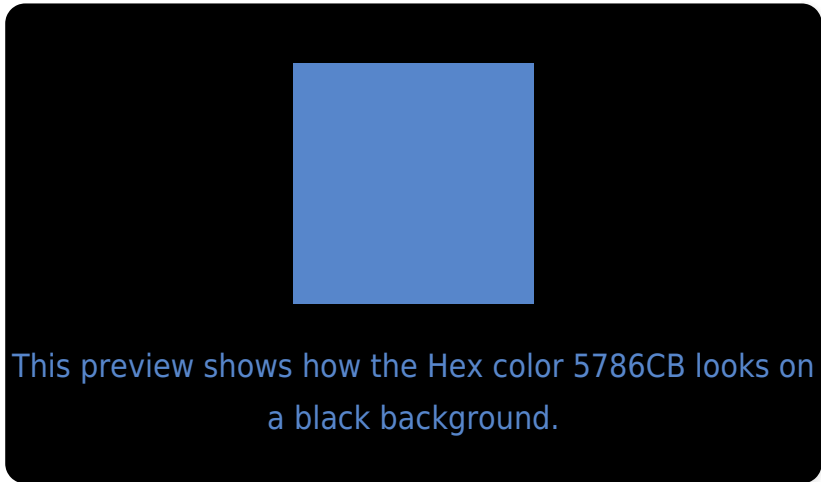
Large Text (above 18pt) WCAG AA ✓ Pass

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

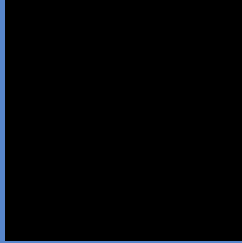
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

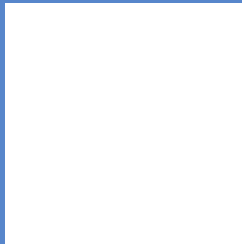
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5786CB Background



This preview shows how black text looks on a background with the Hex color 5786CB.



This preview shows how white text looks on a background with the Hex color 5786CB.

# 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](#).

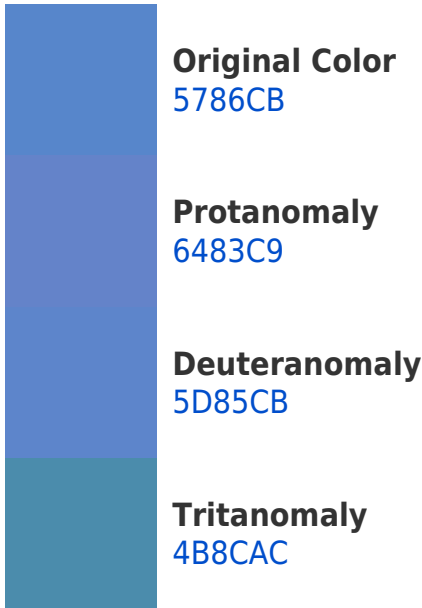
## Dichromacy



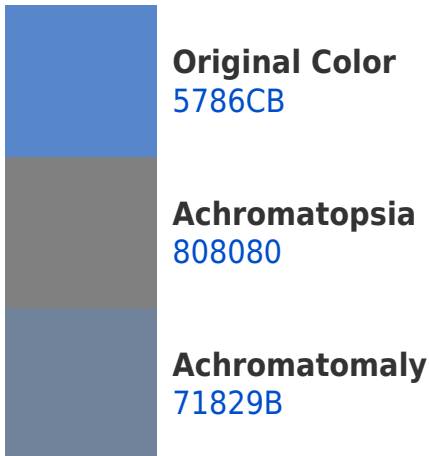


**Tritanopia**  
44909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5786CB 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 #5786CB looks like.

```
.text, #text, p{  
    color:#5786CB  
}
```

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 #5786CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5786CB
}
```

## Border

The CSS property to change the border of an element to Hex 5786CB 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
#5786CB }
```

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

```
.border{ border-color:#5786CB }
```

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

Here you see how a box with a 4 pixel #5786CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5786CB; -webkit-box-shadow:4px 4px  
4px 4px #5786CB; box-shadow:4px 4px 4px  
4px #5786CB }
```

# Background

The CSS property to change the background color of an element to Hex 5786CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5786CB }
```

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

```
.background{ background-color:#5786CB }
```

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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