

# Converting Colors

Hex(5685B7)

Have a look what the booklet for  
Hex(5685B7) contains.

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# Color

**Hex(5685B7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5685B7
RGB	86, 133, 183
RGB Percent	34%, 52%, 72%
CMY	0.6627, 0.4784, 0.2824
CMYK	0.53, 0.27, 0.00, 0.28
HSL	211°, 40%, 53%
HSV	211°, 53%, 72%
XYZ	20.7725, 22.1724, 47.9846
YIQ	124.6470, -44.0620, 5.5860

# Conversions

## Conversions Part 2

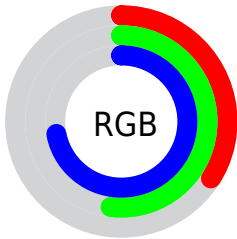
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	86, 118, 183
Decimal	5670327
CIE Lab	54.21, -1.45, -31.15
CIE LCh	54, 31.182, 267.333
Yxy	22.1724, 0.2284, 0.2438
Android (android.graphics.Color)	4283860407 (0xFF5685B7)
YUV	124.6470, 28.7680, -33.8934
Hunter-Lab	47.0876, -3.6586, -27.4582

# Details

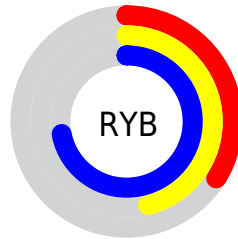
The Hex color **5685B7** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B78856**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **8DBAEF**, and **195482** is the 20% darker color. If you saturate the color by 10%, you get **447CB7**, and if you desaturate by 10%, it is **688EB7**.

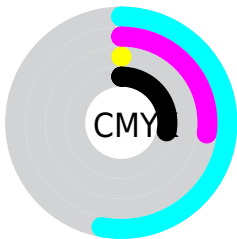
# Distribution



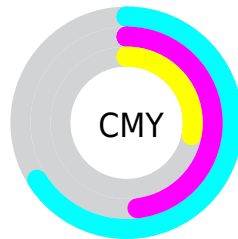
- Red (34%)
- Green (52%)
- Blue (72%)



- Red (34%)
- Yellow (46%)
- Blue (72%)



- Cyan (53%)
- Magenta (27%)
- Yellow (0%)
- Black (28%)



- Cyan (66%)
- Magenta (48%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5685B7 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 5685B7 by changing the saturation by 10% instead.



■ 5685B7

■ 5685B7

FFFFFF

■ 3A6C9C

■ 8DBAEF

■ 195482

■ A9D6FF

■ 003D68

■ C6F2FF

■ 002750

■ E3FFFF

■ 001339

■ 000223

■ 00000A

■ 000000

■ 5685B7

■ 5685B7

■ 447CB7

■ 688EB7

■ 3172B7

■ 7B98B7

■ 1F69B7

■ 8DA1B7

■ 0D5FB7

■ 9FABB7

■ 0059B7

■ B2B4B7

■ C4BEB7

■ D6C7B7

■ E8D0B7

■ FBDAB7

# Harmonies

## Analogous

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



248CAE



5685B7



817CB1

# Triad

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



5685B7



B56E6A



5A8D64

# Complementary

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



5685B7



B78856

# 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.



7A8751



5685B7



AB7655

# Square

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



5685B7



B36D85



957F4B



35907E

# Rectangle

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



5685B7



9875A6



957F4B



658C5C



# Sweetspot

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



5685B7



C7DAED



56B787



616C78



F7F7F7



787878



# Same Dimension

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



5685B7



559FED



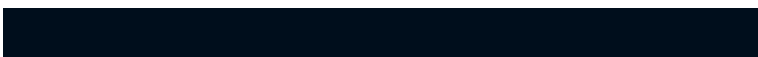
5656B7



53575C



004B9C



000E1C



# Inverse Universe

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



B75685



ED559F



B7B756



5C5357



9C004B



1C000E



# Previews

## White Background



This preview shows how the Hex color 5685B7 looks on a white background.

## Color Contrast Check

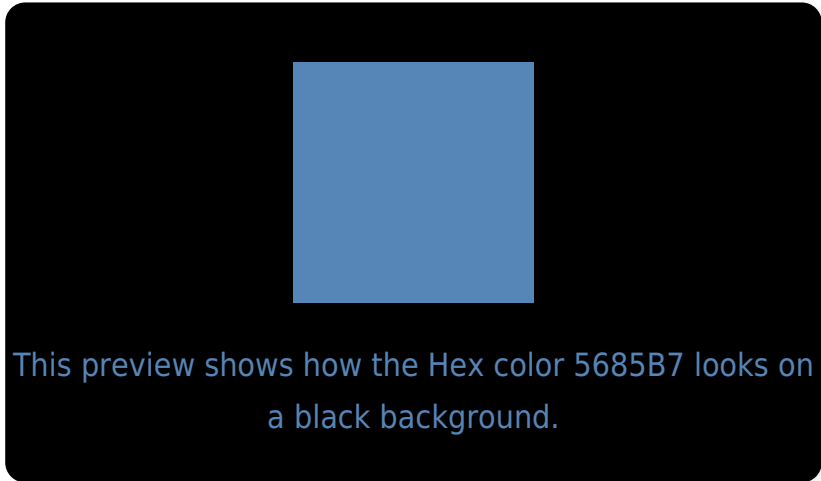
Large Text (above 18pt) WCAG AA ✓ Pass

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 5685B7 Background



This preview shows how black text looks on a background with the Hex color 5685B7.



This preview shows how white text looks on a background with the Hex color 5685B7.

# 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](#).

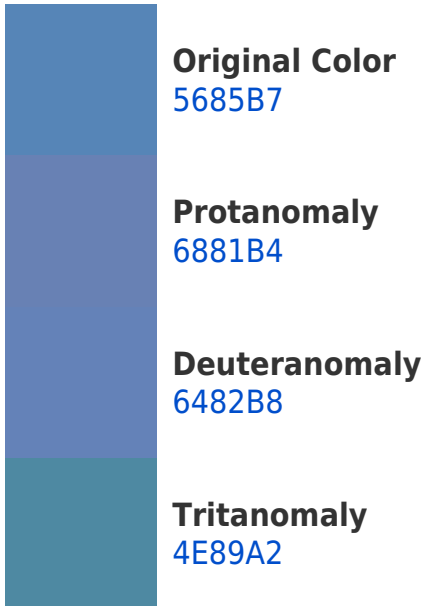
## Dichromacy





**Tritanopia**  
4A8B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5685B7 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 #5685B7 looks like.

```
.text, #text, p{  
    color:#5685B7  
}
```

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 #5685B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5685B7
}
```

## Border

The CSS property to change the border of an element to Hex 5685B7 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
#5685B7 }
```

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

```
.border{ border-color:#5685B7 }
```

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

Here you see how a box with a 4 pixel #5685B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5685B7; -webkit-box-shadow:4px 4px  
4px 4px #5685B7; box-shadow:4px 4px 4px  
4px #5685B7 }
```

# Background

The CSS property to change the background color of an element to Hex 5685B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5685B7 }
```

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

```
.background{ background-color:#5685B7 }
```

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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