

Converting Colors

Hex(5766B7)

Have a look what the booklet for
Hex(5766B7) contains.

Hex(5766B7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5766B7)

Conversions

Conversions Part 1

Format	Color
Hex	5766B7
RGB	87, 102, 183
RGB Percent	34%, 40%, 72%
CMY	0.6588, 0.6000, 0.2824
CMYK	0.52, 0.44, 0.00, 0.28
HSL	231°, 40%, 53%
HSV	231°, 52%, 72%
XYZ	17.2291, 14.9479, 46.7769
YIQ	106.7490, -34.9410, 22.0110

Conversions

Conversions Part 2

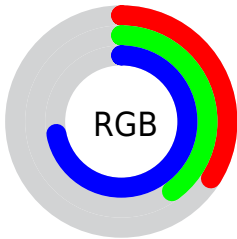
Format	Color
R _Y B	87, 100, 183
Decimal	5727927
CIE Lab	45.56, 17.62, -44.77
CIE LCh	46, 48.110, 291.480
Yxy	14.9479, 0.2182, 0.1893
Android (android.graphics.Color)	4283918007 (0xFF5766B7)
YUV	106.7490, 37.5917, -17.3199
Hunter-Lab	38.6625, 11.8853, -44.6699

Details

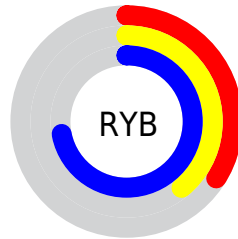
The Hex color **5766B7** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B7A857**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **8F99EF**, and **193881** is the 20% darker color. If you saturate the color by 10%, you get **4557B7**, and if you desaturate by 10%, it is **6975B7**.

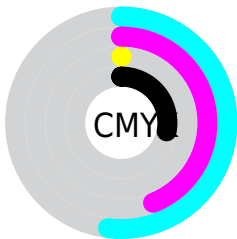
Distribution



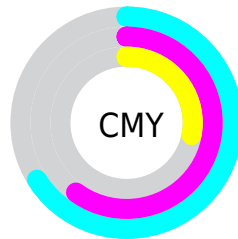
- Red (34%)
- Green (40%)
- Blue (72%)



- Red (34%)
- Yellow (39%)
- Blue (72%)



- Cyan (52%)
- Magenta (44%)
- Yellow (0%)
- Black (28%)



- Cyan (66%)
- Magenta (60%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5766B7 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 5766B7 by changing the saturation by 10% instead.

■ 5766B7

■ 5766B7

FFFFFF

■ 3A4E9C

■ 8F99EF

■ 193881

■ ABB3FF

■ 002368

■ C7CFFF

■ 000F4F

■ E5EBFF

■ 000538

■ 000221

■ 000006

■ 000000

■ 5766B7

■ 5766B7

■ 4557B7

■ 6975B7

■ 3247B7

■ 7C85B7

■ 2038B7

■ 8E94B7

■ 0E28B7

■ A0A4B7

■ 001DB7

■ B3B3B7

■ C5C3B7

■ D7D2B7

■ E9E2B7

■ FCF1B7

Harmonies

Analogous

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



0074BB



5766B7



91549E

Triad

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



5766B7



A6562D



007E5F

Complementary

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



5766B7



B7A857

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.



317A37



5766B7



8A6614

Square

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



5766B7



B44851



657218



007F88

Rectangle

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



5766B7



A84A86



657218



007D51

Sweetspot

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



5766B7



C7CEDE



57B7A7



616578



F7F7F7



787878

Same Dimension

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



5766B7



586FED



7757B7



53545C



00189C



00041C

Inverse Universe

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



B75766



ED586F



97B757



5C5354



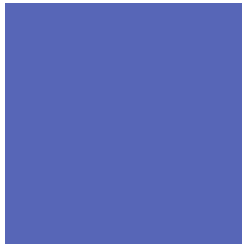
9C0018



1C0004

Previews

White Background



This preview shows how the Hex color 5766B7 looks on a white background.

Color Contrast Check

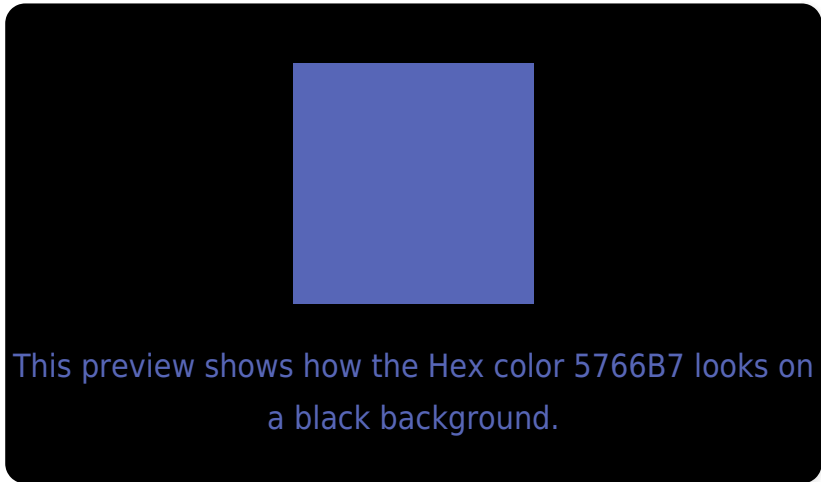
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 5766B7 Background



This preview shows how black text looks on a background with the Hex color 5766B7.




This preview shows how white text looks on a background with the Hex color 5766B7.

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](#).

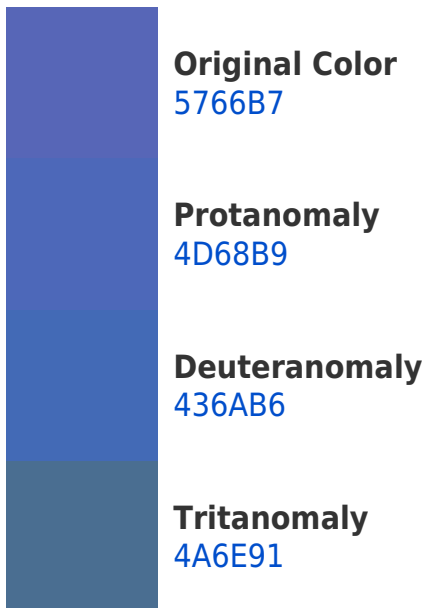
Dichromacy



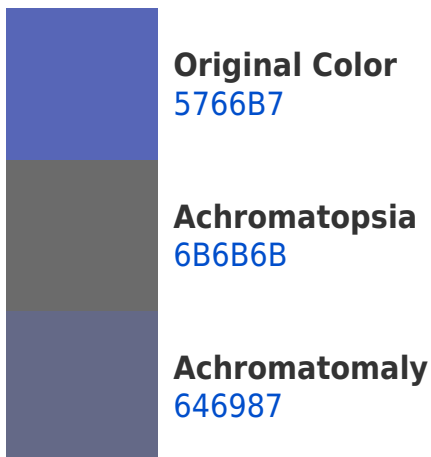


Tritanopia
43737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5766B7 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 #5766B7 looks like.

```
.text, #text, p{  
    color:#5766B7  
}
```

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 #5766B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5766B7
}
```

Border

The CSS property to change the border of an element to Hex 5766B7 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
#5766B7 }
```

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

```
.border{ border-color:#5766B7 }
```

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

Here you see how a box with a 4 pixel #5766B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5766B7; -webkit-box-shadow:4px 4px  
4px 4px #5766B7; box-shadow:4px 4px 4px  
4px #5766B7 }
```

Background

The CSS property to change the background color of an element to Hex 5766B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5766B7 }
```

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

```
.background{ background-color:#5766B7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor