

Converting Colors

Hex(5673C7)

Have a look what the booklet for
Hex(5673C7) contains.

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Color

Hex(5673C7)

Conversions

Conversions Part 1

Format	Color
Hex	5673C7
RGB	86, 115, 199
RGB Percent	34%, 45%, 78%
CMY	0.6627, 0.5490, 0.2196
CMYK	0.57, 0.42, 0.00, 0.22
HSL	225°, 50%, 56%
HSV	225°, 57%, 78%
XYZ	20.2773, 18.3634, 56.5086
YIQ	115.9050, -44.2480, 19.9760

Conversions

Conversions Part 2

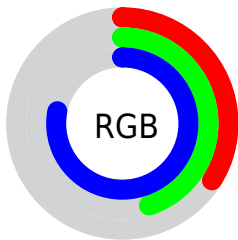
Format	Color
R _Y B	86, 109, 199
Decimal	5665735
CIE Lab	49.93, 14.57, -47.05
CIE LCh	50, 49.248, 287.202
Yxy	18.3634, 0.2131, 0.1930
Android (android.graphics.Color)	4283855815 (0xFF5673C7)
YUV	115.9050, 40.9658, -26.2267
Hunter-Lab	42.8526, 9.4719, -48.1874

Details

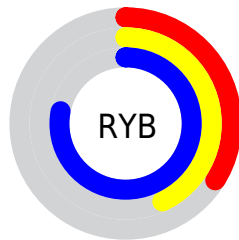
The Hex color **5673C7** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **C7AA56**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **8FA7FF**, and **0F4490** is the 20% darker color. If you saturate the color by 10%, you get **4264C7**, and if you desaturate by 10%, it is **6A82C7**.

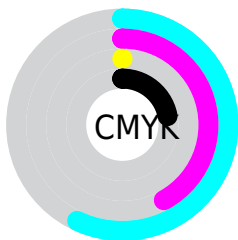
Distribution



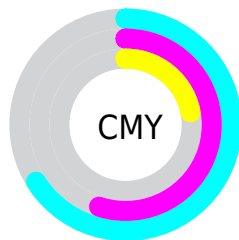
- Red (34%)
- Green (45%)
- Blue (78%)



- Red (34%)
- Yellow (43%)
- Blue (78%)



- Cyan (57%)
- Magenta (42%)
- Yellow (0%)
- Black (22%)



- Cyan (66%)
- Magenta (55%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5673C7 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 5673C7 by changing the saturation by 10% instead.

■ 5673C7

■ 5673C7

FFFFFF

■ 385BAB

■ 8FA7FF

■ 0F4490

■ ACC2FF

■ 002E76

■ C9DDFF

■ 001A5D

■ E7FAFF

■ 000045

■ 00032E

■ 000118

■ 000000

■ 5673C7

■ 5673C7

■ 4264C7

■ 6A82C7

■ 2E55C7

■ 7E91C7

■ 1A47C7

■ 929FC7

■ 0638C7

■ A6AEC7

■ 0033C7

■ BABDC7

■ CDCCC7

■ E1DBC7

■ F5E9C7

■ FFF8C7

Harmonies

Analogous

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



0081C8



5673C7



9761B0

Triad

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



5673C7



B75E3B



008A63

Complementary

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



5673C7



C7AA56

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.



45853B



5673C7



9C6E20

Square

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



5673C7



C35160



767C1F



008B8E

Rectangle

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



5673C7



B15698



767C1F



008955

Sweetspot

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



5673C7



D4DFFF



56C7A9



666D80



000000



808080

Same Dimension

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



5673C7



527EFF



7056C7



5A5C63



002AA3



000924

Inverse Universe

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



C75673



FF527E



ADC756



635A5C



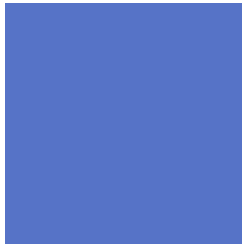
A3002A



240009

Previews

White Background



This preview shows how the Hex color 5673C7 looks on a white background.

Color Contrast Check

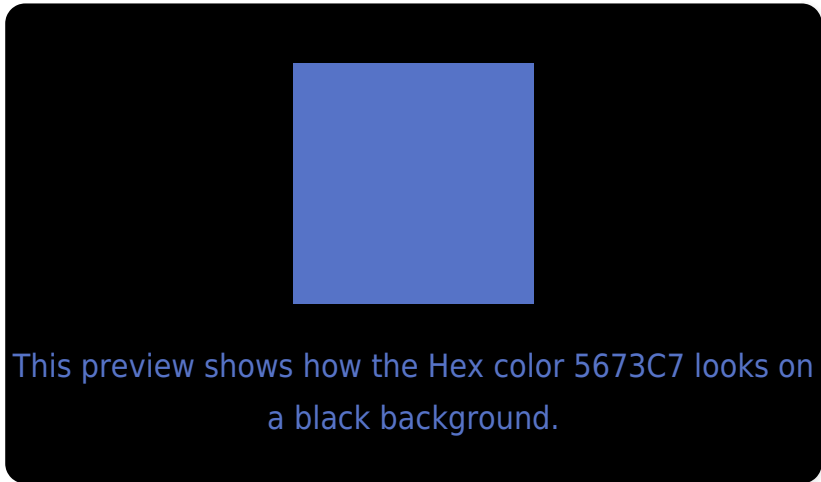
Large Text (above 18pt) WCAG AA ✓ Pass

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 5673C7 Background



This preview shows how black text looks on a background with the Hex color 5673C7.

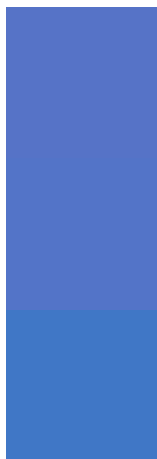


This preview shows how white text looks on a background with the Hex color 5673C7.

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



Original Color
5673C7

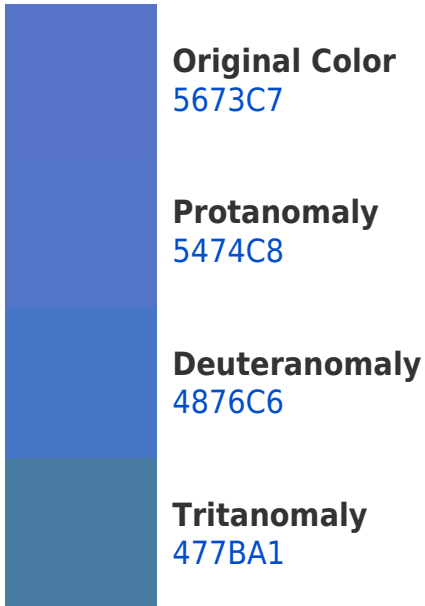
Protanopia
5374C8

Deuteranopia
4077C6



Tritanopia
3E808B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5673C7 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 #5673C7 looks like.

```
.text, #text, p{  
    color:#5673C7  
}
```

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 #5673C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5673C7
}
```

Border

The CSS property to change the border of an element to Hex 5673C7 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
#5673C7 }
```

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

```
.border{ border-color:#5673C7 }
```

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

Here you see how a box with a 4 pixel #5673C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5673C7; -webkit-box-shadow:4px 4px  
4px 4px #5673C7; box-shadow:4px 4px 4px  
4px #5673C7 }
```

Background

The CSS property to change the background color of an element to Hex 5673C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5673C7 }
```

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

```
.background{ background-color:#5673C7 }
```

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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