

# Converting Colors

Hex(5675C8)

Have a look what the booklet for  
Hex(5675C8) contains.

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# Color

Hex(5675C8)

# Conversions

## Conversions Part 1

Format	Color
Hex	5675C8
RGB	86, 117, 200
RGB Percent	34%, 46%, 78%
CMY	0.6627, 0.5412, 0.2157
CMYK	0.57, 0.42, 0.00, 0.22
HSL	224°, 51%, 56%
HSV	224°, 57%, 78%
XYZ	20.6244, 18.8711, 57.1991
YIQ	117.1930, -45.1190, 19.2410

# Conversions

## Conversions Part 2

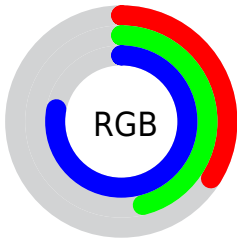
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 110, 200
Decimal	5666248
CIE <sub>Lab</sub>	50.54, 13.66, -46.66
CIE <sub>LCh</sub>	51, 48.619, 286.323
Yxy	18.8711, 0.2133, 0.1952
Android (android.graphics.Color)	4283856328 (0xFF5675C8)
YUV	117.1930, 40.8239, -27.3563
Hunter-Lab	43.4409, 8.7245, -47.6590

# Details

The Hex color **5675C8** 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 **C8A956**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **8FA9FF**, and **0E4591** is the 20% darker color. If you saturate the color by 10%, you get **4266C8**, and if you desaturate by 10%, it is **6A84C8**.

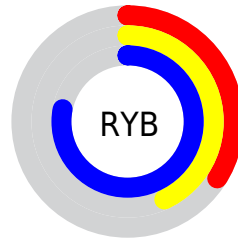
# Distribution



Red (34%)

Green (46%)

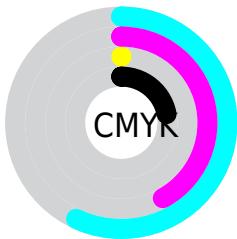
Blue (78%)



Red (34%)

Yellow (43%)

Blue (78%)

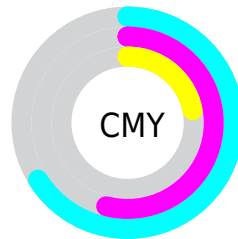


Cyan (57%)

Magenta (42%)

Yellow (0%)

Black (22%)



Cyan (66%)

Magenta (54%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5675C8 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 5675C8 by changing the saturation by 10% instead.



■ 5675C8

■ 5675C8

FFFFFF

■ 375DAC

■ 8FA9FF

■ 0E4591

■ ACC4FF

■ 003077

■ C9E0FF

■ 001C5E

■ E7FCFF

■ 000046

■ 00042F

■ 000119

■ 000000

■ 5675C8

■ 5675C8

■ 4266C8

■ 6A84C8

■ 2E58C8

■ 7E92C8

■ 1A49C8

■ 92A1C8

■ 063BC8

■ A6AFC8

■ 0036C8

■ BABEC8

■ CECCC8

■ E2DBC8

■ F6E9C8

■ FFF8C8

# Harmonies

## Analogous

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



0082C9



5675C8



9764B2

# Triad

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



5675C8



B95F3E



008B63

# Complementary

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



5675C8



C8A956

# 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.



49863C



5675C8



9E6F23

# Square

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



5675C8



C45363



797D21



008C8E

# Rectangle

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



5675C8



B1599A



797D21



068A55



# Sweetspot

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



5675C8



D4DFFF



56C8A8



666D80



000000



808080



# Same Dimension

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



5675C8



5281FF



6F56C8



5A5C63



002CA3



000A24



# Inverse Universe

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



C85675



FF5281



AFC856



635A5C



A3002C

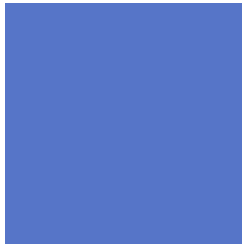


24000A



# Previews

## White Background



This preview shows how the Hex color 5675C8 looks on a white background.

## Color Contrast Check

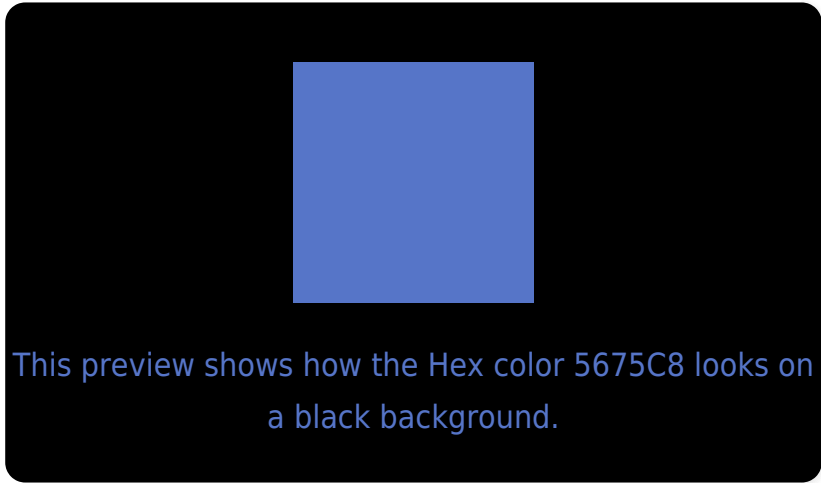
Large Text (above 18pt) WCAG AA ✓ Pass

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 5675C8 Background



This preview shows how black text looks on a background with the Hex color 5675C8.

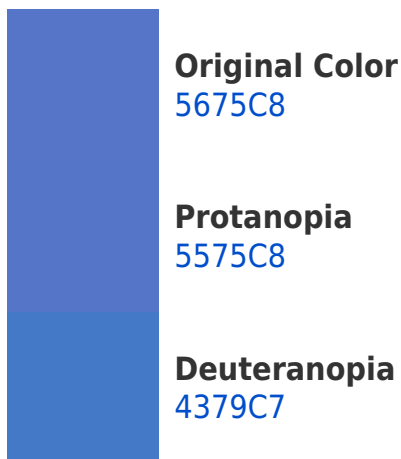



This preview shows how white text looks on a background with the Hex color 5675C8.

# 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](#).

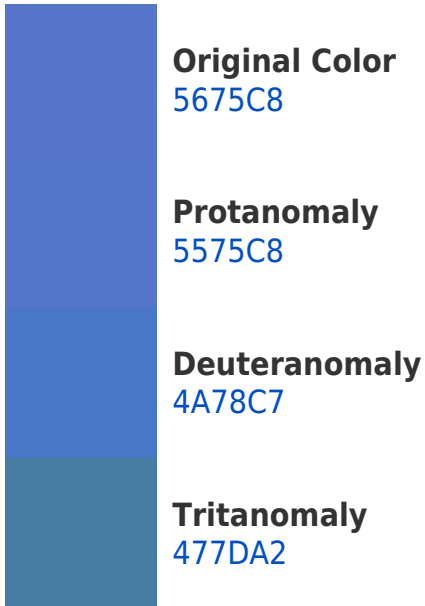
## Dichromacy



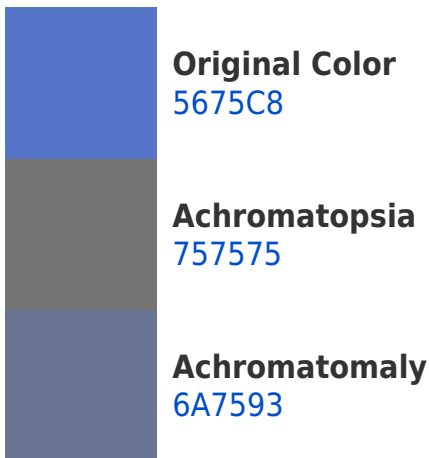


**Tritanopia**  
3E828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5675C8 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 #5675C8 looks like.

```
.text, #text, p{  
    color:#5675C8  
}
```

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 #5675C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5675C8
}
```

## Border

The CSS property to change the border of an element to Hex 5675C8 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
#5675C8 }
```

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

```
.border{ border-color:#5675C8 }
```

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

Here you see how a box with a 4 pixel #5675C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5675C8; -webkit-box-shadow:4px 4px  
4px 4px #5675C8; box-shadow:4px 4px 4px  
4px #5675C8 }
```

# Background

The CSS property to change the background color of an element to Hex 5675C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5675C8 }
```

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

```
.background{ background-color:#5675C8 }
```

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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