

Converting Colors

Hex(5C5F80)

Have a look what the booklet for
Hex(5C5F80) contains.

| | |
|--|----|
| Hex(5C5F80) | 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(5C5F80)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 5C5F80 |
| RGB | 92, 95, 128 |
| RGB Percent | 36%, 37%, 50% |
| CMY | 0.6392, 0.6275, 0.4980 |
| CMYK | 0.28, 0.26, 0.00, 0.50 |
| HSL | 235°, 16%, 43% |
| HSV | 235°, 28%, 50% |
| XYZ | 12.4021, 12.0182, 22.0882 |
| YIQ | 97.8650, -12.3810, 9.6270 |

Conversions

Conversions Part 2

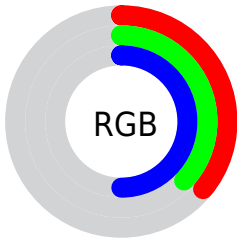
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 92, 95, 128 |
| Decimal | 6053760 |
| CIE Lab | 41.25, 6.86, -18.82 |
| CIE LCh | 41, 20.028, 290.024 |
| Yxy | 12.0182, 0.2667, 0.2584 |
| Android (android.graphics.Color) | 4284243840 (0xFF5C5F80) |
| YUV | 97.8650, 14.8566, -5.1436 |
| Hunter-Lab | 34.6673, 3.1899, -13.5093 |

Details

The Hex color **5C5F80** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **807D5C**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8F91B5**, and **2D314F** is the 20% darker color. If you saturate the color by 10%, you get **4F5380**, and if you desaturate by 10%, it is **696B80**.

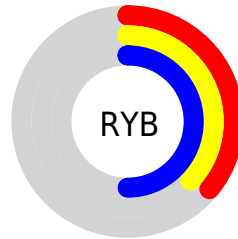
Distribution



Red (36%)

Green (37%)

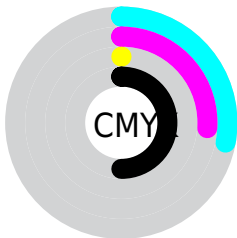
Blue (50%)



Red (36%)

Yellow (37%)

Blue (50%)

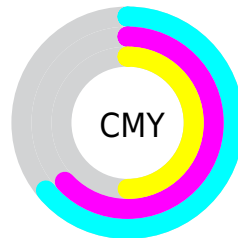


Cyan (28%)

Magenta (26%)

Yellow (0%)

Black (50%)



Cyan (64%)

Magenta (63%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C5F80 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 5C5F80 by changing the saturation by 10% instead.

■ 5C5F80

■ 5C5F80

FFFFFF

■ 444767

■ 8F91B5

■ 2D314F

■ AAACD1

■ 161C38

■ C5C7ED

■ 000122

■ E1E3FF

■ 000009

FEFFFF

■ 000000

■ 5C5F80

■ 5C5F80

■ 4F5380

■ 696B80

■ 424880

■ 767680

■ 363C80

■ 828280

■ 293080

■ 8F8E80

■ 1C2480

■ 9C9A80

■ 0F1980

■ A9A580

■ 020D80

■ B6B180

■ 000B80

■ C2BD80

■ CFC980

Harmonies

Analogous

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



446481



5C5F80



715977

Triad

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



5C5F80



7E5949



3C6A5B

Complementary

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



5C5F80



807D5C

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.



4F684C



5C5F80



725E41

Square

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



5C5F80



825557



616442



2E6A6C

Rectangle

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



5C5F80



7B566D



616442



426956

Sweetspot

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



5C5F80



989AA6



5C807D



4C4C54



D4D4D4



545454

Same Dimension

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



5C5F80



6D72A6



6B5C80



393A40



000B80



000000

Inverse Universe

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



805C5F



A66D72



71805C



40393A



80000B



000000

Previews

White Background



This preview shows how the Hex color 5C5F80 looks on a white background.

Color Contrast Check

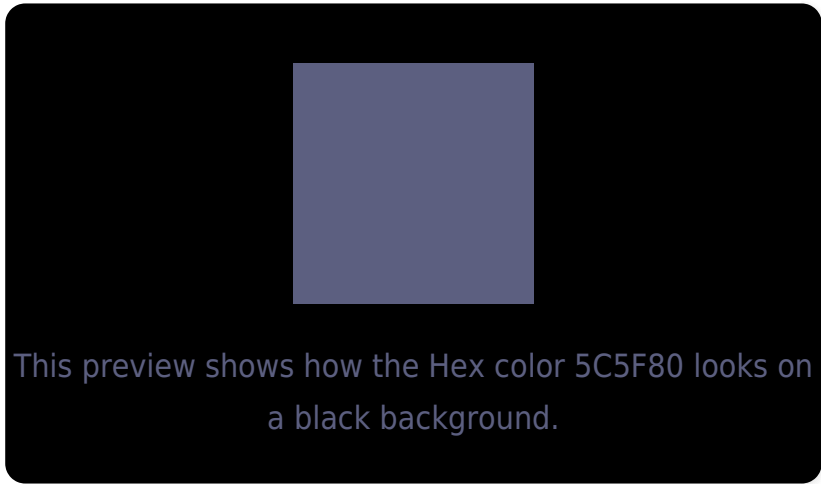
Large Text (above 18pt) WCAG AA ✓ Pass

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

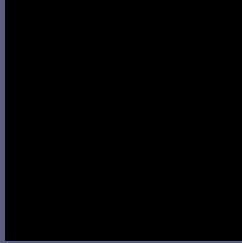
Any Text WCAG AA × Fail

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 5C5F80 Background



This preview shows how black text looks on a background with the Hex color 5C5F80.



This preview shows how white text looks on a background with the Hex color 5C5F80.

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

5C5F80

Protanopia

586081

Deuteranopia

5A6080



Tritanopia
58636B

Trichromacy



Original Color
5C5F80

Protanomaly
596081

Deuteranomaly
5B6080

Tritanomaly
596273

Monochromacy



Original Color
5C5F80

Achromatopsia
626262

Achromatomaly
60616D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C5F80 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 #5C5F80 looks like.

```
.text, #text, p{  
    color:#5C5F80  
}
```

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 #5C5F80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C5F80
}
```

Border

The CSS property to change the border of an element to Hex 5C5F80 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
#5C5F80 }
```

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

```
.border{ border-color:#5C5F80 }
```

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

Here you see how a box with a 4 pixel #5C5F80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C5F80; -webkit-box-shadow:4px 4px  
4px 4px #5C5F80; box-shadow:4px 4px 4px  
4px #5C5F80 }
```

Background

The CSS property to change the background color of an element to Hex 5C5F80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C5F80 }
```

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

```
.background{ background-color:#5C5F80 }
```

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