

Converting Colors

Hex(5858B1)

Have a look what the booklet for
Hex(5858B1) contains.

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Color

Hex(5858B1)

Conversions

Conversions Part 1

Format	Color
Hex	5858B1
RGB	88, 88, 177
RGB Percent	35%, 35%, 69%
CMY	0.6549, 0.6549, 0.3059
CMYK	0.50, 0.50, 0.00, 0.31
HSL	240°, 36%, 52%
HSV	240°, 50%, 69%
XYZ	15.4500, 12.2285, 43.1410
YIQ	98.1460, -28.5690, 27.6790

Conversions

Conversions Part 2

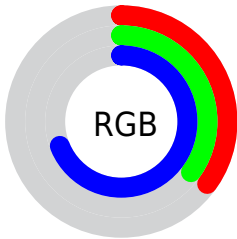
Format	Color
R_{YB}	88, 88, 177
Decimal	5789873
CIE _{Lab}	41.58, 24.70, -47.62
CIE _{LCh}	42, 53.649, 297.414
Yxy	12.2285, 0.2182, 0.1727
Android (android.graphics.Color)	4283979953 (0xFF5858B1)
YUV	98.1460, 38.8750, -8.8980
Hunter-Lab	34.9692, 17.6683, -48.6667

Details

The Hex color **5858B1** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B1B158**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8F8AE9**, and **1C2B7C** is the 20% darker color. If you saturate the color by 10%, you get **4646B1**, and if you desaturate by 10%, it is **6A6AB1**.

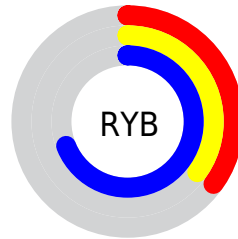
Distribution



Red (35%)

Green (35%)

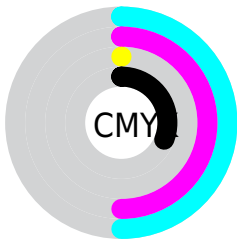
Blue (69%)



Red (35%)

Yellow (35%)

Blue (69%)

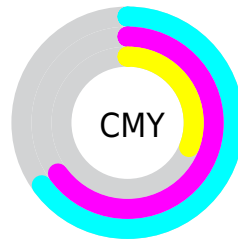


Cyan (50%)

Magenta (50%)

Yellow (0%)

Black (31%)



Cyan (65%)

Magenta (65%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5858B1 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 5858B1 by changing the saturation by 10% instead.

■ 5858B1

■ 5858B1

FFFFFF

■ 3C4196

■ 8F8AE9

■ 1C2B7C

■ ABA4FF

■ 001662

■ C8BFFF

■ 00004A

■ E5DBFF

■ 000432

■ FFF8FF

■ 00021C

■ 000000

■ 5858B1

■ 5858B1

■ 4646B1

■ 6A6AB1

■ 3535B1

■ 7B7BB1

■ 2323B1

■ 8D8DB1

■ 1111B1

■ 9F9FB1

■ 0000B1

■ B1B1B1

■ C2C2B1

■ D4D4B1

■ E6E6B1

■ F7F7B1

Harmonies

Analogous

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



0069BB



5858B1



934292

Triad

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



5858B1



9A4D14



00765D

Complementary

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



5858B1



B1B158

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.



00722F



5858B1



7A5F00

Square

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



5858B1



AE393C



4F6B00



00768A

Rectangle

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



5858B1



A73677



4F6B00



00754D

Sweetspot

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



5858B1



C3C3E6



58B1B1



5E5E73



F2F2F2



737373

Same Dimension

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



5858B1



5C5CE6



8458B1



505059



000099



00001A

Inverse Universe

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



B158B1



E65CE6



84B158



595059



990099



1A001A

Previews

White Background



This preview shows how the Hex color 5858B1 looks on a white background.

Color Contrast Check

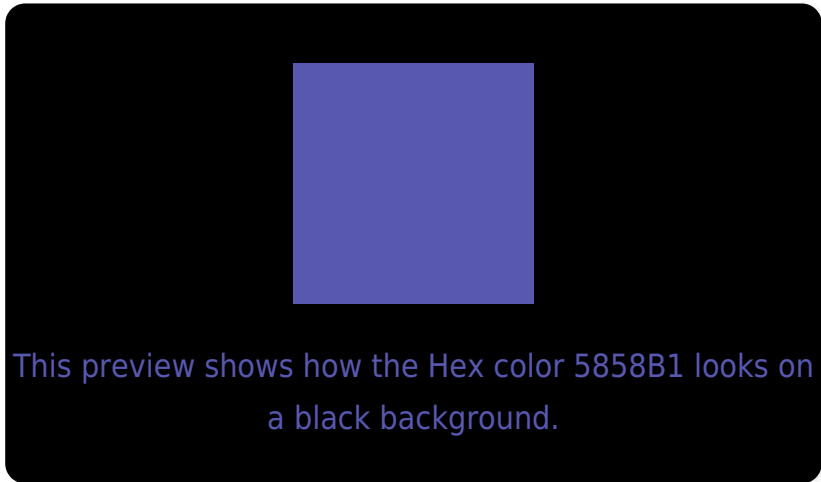
Large Text (above 18pt) WCAG AA ✓ Pass

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

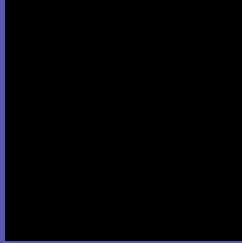
Any Text WCAG AA × Fail

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 5858B1 Background



This preview shows how black text looks on a background with the Hex color 5858B1.

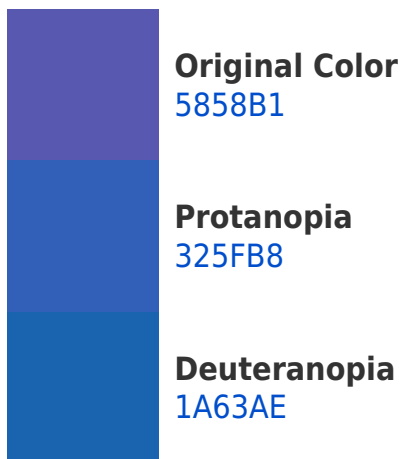


This preview shows how white text looks on a background with the Hex color 5858B1.

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](#).

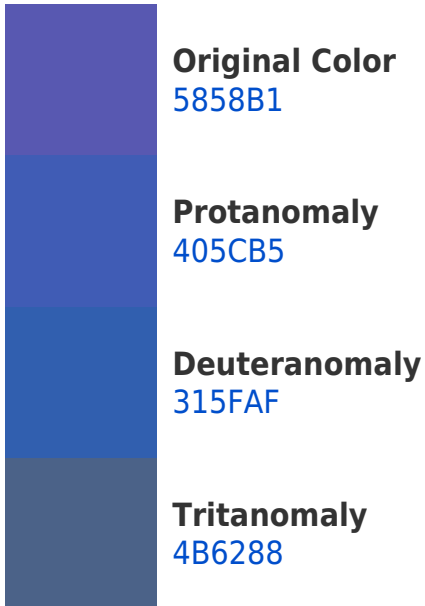
Dichromacy





Tritanopia
446870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5858B1 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 #5858B1 looks like.

```
.text, #text, p{  
    color:#5858B1  
}
```

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 #5858B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5858B1
}
```

Border

The CSS property to change the border of an element to Hex 5858B1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

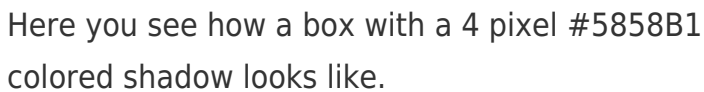
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5858B1 }
```

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

```
.border{ border-color:#5858B1 }
```

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



Here you see how a box with a 4 pixel #5858B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5858B1; -webkit-box-shadow:4px 4px  
4px 4px #5858B1; box-shadow:4px 4px 4px  
4px #5858B1 }
```

Background

The CSS property to change the background color of an element to Hex 5858B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5858B1 }
```

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

```
.background{ background-color:#5858B1 }
```

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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