

Converting Colors

Hex(5585C8)

Have a look what the booklet for
Hex(5585C8) contains.

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Color

Hex(5585C8)

Conversions

Conversions Part 1

Format	Color
Hex	5585C8
RGB	85, 133, 200
RGB Percent	33%, 52%, 78%
CMY	0.6667, 0.4784, 0.2157
CMYK	0.58, 0.33, 0.00, 0.22
HSL	215°, 51%, 56%
HSV	215°, 58%, 78%
XYZ	22.5592, 22.8765, 57.8702
YIQ	126.2860, -50.1150, 10.6610

Conversions

Conversions Part 2

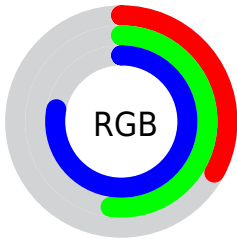
Format	Color
R_{YB}	85, 119, 200
Decimal	5604808
CIE _{Lab}	54.94, 3.78, -39.69
CIE _{LCh}	55, 39.866, 275.437
Yxy	22.8765, 0.2184, 0.2214
Android (android.graphics.Color)	4283794888 (0xFF5585C8)
YUV	126.2860, 36.3410, -36.2078
Hunter-Lab	47.8294, 0.4898, -38.2562

Details

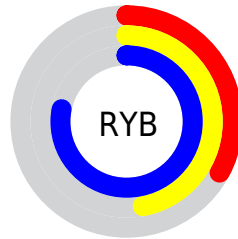
The Hex color **5585C8** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **C89855**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **8EBAFF**, and **0C5492** is the 20% darker color. If you saturate the color by 10%, you get **4179C8**, and if you desaturate by 10%, it is **6991C8**.

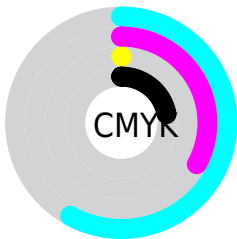
Distribution



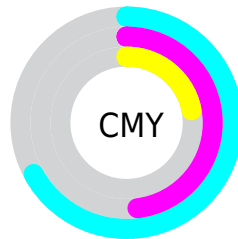
- Red (33%)
- Green (52%)
- Blue (78%)



- Red (33%)
- Yellow (47%)
- Blue (78%)



- Cyan (58%)
- Magenta (33%)
- Yellow (0%)
- Black (22%)



- Cyan (67%)
- Magenta (48%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5585C8 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 5585C8 by changing the saturation by 10% instead.

■ 5585C8

■ 5585C8

FFFFFF

■ 366CAC

■ 8EBAFF

■ 0C5492

■ ABD5FF

■ 003D78

■ C8F2FF

■ 00285E

■ E6FFFF

■ 001446

■ 00042F

■ 00011A

■ 000000

■ 5585C8

■ 5585C8

4179C8

6991C8

2D6EC8

7D9CC8

1962C8

91A8C8

0556C8

A5B4C8

0053C8

B9BFC8

CDCBC8

E1D7C8

F5E2C8

FFEEC8

Harmonies

Analogous

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



008FC2



5585C8



8F78BC

Triad

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



5585C8



C16C5D



409366

Complementary

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



5585C8



C89855

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.



6E8D49



5585C8



AF7745

Square

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



5585C8



C4677F



92843D



009589

Rectangle

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



5585C8



A96FAB



92843D



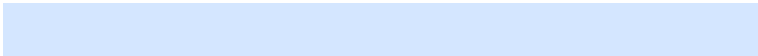
51915B

Sweetspot

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



5585C8



D4E6FF



55C896



667180



000000



808080

Same Dimension

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



5585C8



4F98FF



5D55C8



5A5E63



0044A3



000F24

Inverse Universe

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



C85585



FF4F98



C0C855



635A5E



A30044



24000F

Previews

White Background



This preview shows how the Hex color 5585C8 looks on a white background.

Color Contrast Check

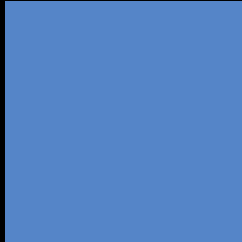
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 5585C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

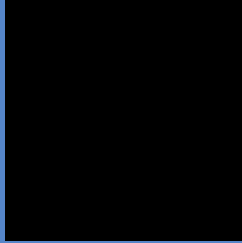
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

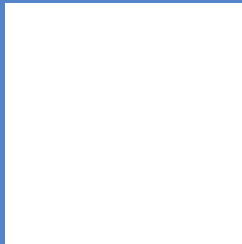
Any Text WCAG AAA × Fail

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

Hex 5585C8 Background



This preview shows how black text looks on a background with the Hex color 5585C8.

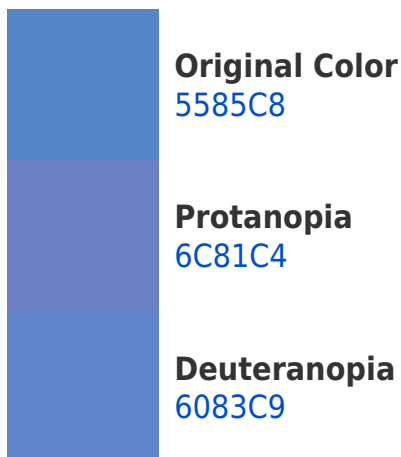


This preview shows how white text looks on a background with the Hex color 5585C8.

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](#).

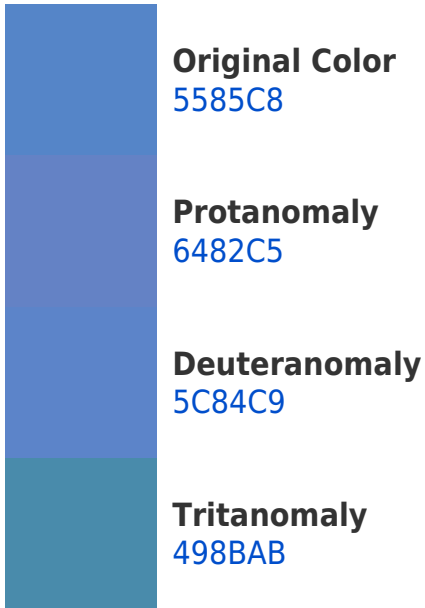
Dichromacy



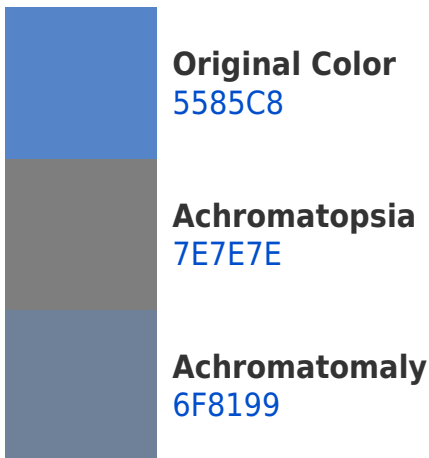


Tritanopia
428E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5585C8 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 #5585C8 looks like.

```
.text, #text, p{  
    color:#5585C8  
}
```

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 #5585C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5585C8  
}
```

Border

The CSS property to change the border of an element to Hex 5585C8 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  
#5585C8 }
```

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

```
.border{ border-color:#5585C8 }
```

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

Here you see how a box with a 4 pixel #5585C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5585C8; -webkit-box-shadow:4px 4px  
4px 4px #5585C8; box-shadow:4px 4px 4px  
4px #5585C8 }
```

Background

The CSS property to change the background color of an element to Hex 5585C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5585C8 }
```

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

```
.background{ background-color:#5585C8 }
```

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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