

Converting Colors

Hex(5880A7)

Have a look what the booklet for
Hex(5880A7) contains.

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Color

Hex(5880A7)

Conversions

Conversions Part 1

Format	Color
Hex	5880A7
RGB	88, 128, 167
RGB Percent	35%, 50%, 65%
CMY	0.6549, 0.4980, 0.3451
CMYK	0.47, 0.23, 0.00, 0.35
HSL	210°, 31%, 50%
HSV	210°, 47%, 65%
XYZ	18.7187, 20.3031, 39.4915
YIQ	120.4860, -36.3590, 3.6490

Conversions

Conversions Part 2

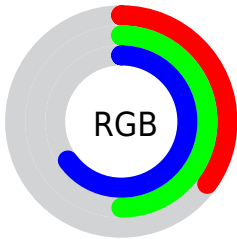
Format	Color
R_{YB}	88, 115, 167
Decimal	5800103
CIE _{Lab}	52.18, -2.97, -25.08
CIE _{LCh}	52, 25.257, 263.252
Yxy	20.3031, 0.2384, 0.2586
Android (android.graphics.Color)	4283990183 (0xFF5880A7)
YUV	120.4860, 22.9314, -28.4902
Hunter-Lab	45.0589, -4.6993, -20.4230

Details

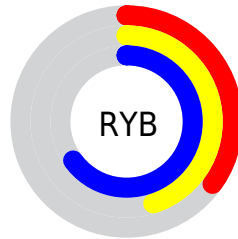
The Hex color **5880A7** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A77F58**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **8EB5DE**, and **214F73** is the 20% darker color. If you saturate the color by 10%, you get **4778A7**, and if you desaturate by 10%, it is **6988A7**.

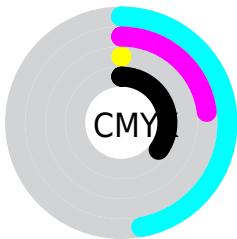
Distribution



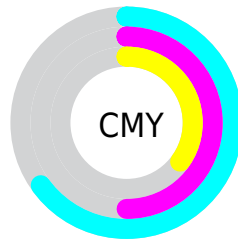
- Red (35%)
- Green (50%)
- Blue (65%)



- Red (35%)
- Yellow (45%)
- Blue (65%)



- Cyan (47%)
- Magenta (23%)
- Yellow (0%)
- Black (35%)



- Cyan (65%)
- Magenta (50%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5880A7 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 5880A7 by changing the saturation by 10% instead.

■ 5880A7

■ 5880A7

FFFFFF

■ 3D678D

■ 8EB5DE

■ 214F73

■ A9D0FB

■ 00385A

■ C5ECFF

■ 002342

■ E2FFFF

■ 000D2C

■ 000117

■ 000000

■ 5880A7

■ 5880A7

■ 4778A7

■ 6988A7

■ 3770A7

■ 7990A7

■ 2667A7

■ 8A99A7

■ 155FA7

■ 9BA1A7

■ 0557A7

■ ABA9A7

■ 0055A7

■ BCB1A7

■ CDBAA7

■ DEC2A7

■ EECAA7

Harmonies

Analogous

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



3B859E



5880A7



7979A4

Triad

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



5880A7



A76D6C



618562

Complementary

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



5880A7



A77F58

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.



7A8054



5880A7



A0725B

Square

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



5880A7



A36D82



907952



488877

Rectangle

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



5880A7



8B749C



907952



6A845C

Sweetspot

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



5880A7



BACAD9



58A77E



5B646E



EDEDED



6E6E6E

Same Dimension

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



5880A7



5D9CD9



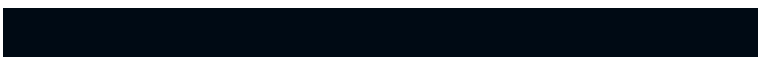
5859A7



4C5054



004B94



000A14

Inverse Universe

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



A75880



D95D9C



A7A658



544C50



94004B



14000A

Previews

White Background



This preview shows how the Hex color 5880A7 looks on a white background.

Color Contrast Check

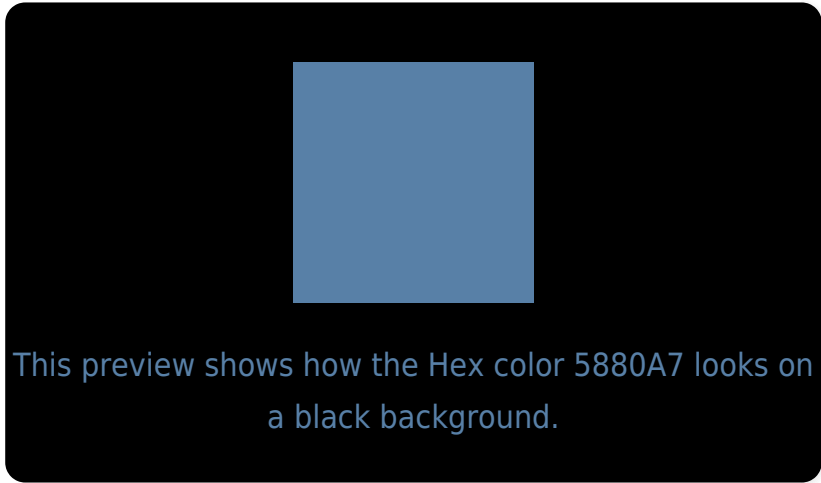
Large Text (above 18pt) WCAG AA ✓ Pass

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

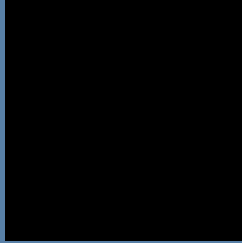
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

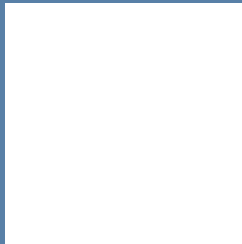
Any Text WCAG AAA × Fail

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

Hex 5880A7 Background



This preview shows how black text looks on a background with the Hex color 5880A7.

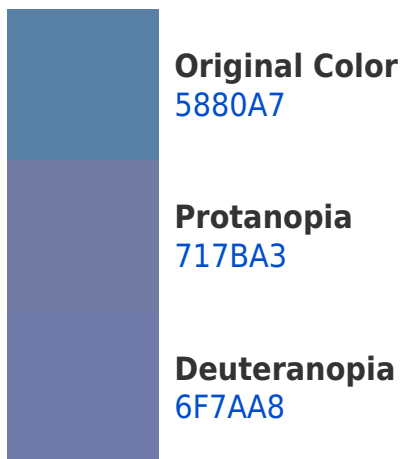



This preview shows how white text looks on a background with the Hex color 5880A7.

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](#).

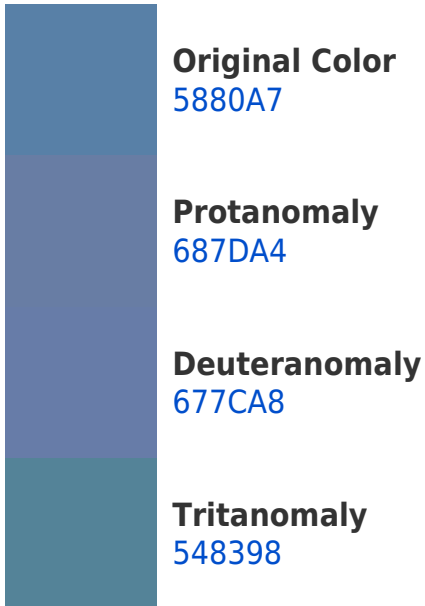
Dichromacy





Tritanopia
51848F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5880A7 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 #5880A7 looks like.

```
.text, #text, p{  
    color:#5880A7  
}
```

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 #5880A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5880A7  
}
```

Border

The CSS property to change the border of an element to Hex 5880A7 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  
#5880A7 }
```

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

```
.border{ border-color:#5880A7 }
```

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

Here you see how a box with a 4 pixel #5880A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5880A7; -webkit-box-shadow:4px 4px  
4px 4px #5880A7; box-shadow:4px 4px 4px  
4px #5880A7 }
```

Background

The CSS property to change the background color of an element to Hex 5880A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5880A7 }
```

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

```
.background{ background-color:#5880A7 }
```

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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