

Converting Colors

Hex(5880E3)

Have a look what the booklet for
Hex(5880E3) contains.

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Color

Hex(5880E3)

Conversions

Conversions Part 1

Format	Color
Hex	5880E3
RGB	88, 128, 227
RGB Percent	35%, 50%, 89%
CMY	0.6549, 0.4980, 0.1098
CMYK	0.61, 0.44, 0.00, 0.11
HSL	223°, 71%, 62%
HSV	223°, 61%, 89%
XYZ	25.6088, 23.0591, 75.7742
YIQ	127.3260, -55.6190, 22.3090

Conversions

Conversions Part 2

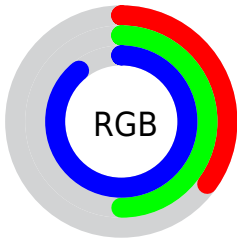
Format	Color
R _Y B	88, 119, 227
Decimal	5800163
CIE Lab	55.13, 16.33, -54.59
CIE LCh	55, 56.982, 286.654
Yxy	23.0591, 0.2058, 0.1853
Android (android.graphics.Color)	4283990243 (0xFF5880E3)
YUV	127.3260, 49.1393, -34.4889
Hunter-Lab	48.0199, 11.1585, -59.9442

Details

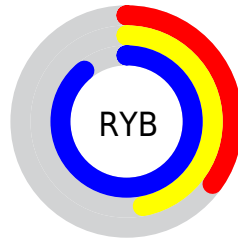
The Hex color **5880E3** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **E3BB58**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **94B4FF**, and **0050AB** is the 20% darker color. If you saturate the color by 10%, you get **4170E3**, and if you desaturate by 10%, it is **6F90E3**.

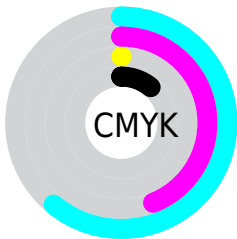
Distribution



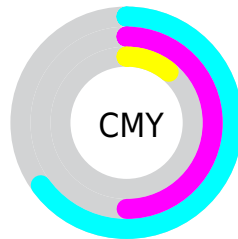
- Red (35%)
- Green (50%)
- Blue (89%)



- Red (35%)
- Yellow (47%)
- Blue (89%)



- Cyan (61%)
- Magenta (44%)
- Yellow (0%)
- Black (11%)



- Cyan (65%)
- Magenta (50%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5880E3 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 5880E3 by changing the saturation by 10% instead.

■ 5880E3

■ 5880E3

FFFFFF

■ 3667C7

■ 94B4FF

■ 0050AB

■ B2D0FF

■ 003990

■ D0ECFF

■ 002576

■ EEEFFF

■ 00115C

■ 000744

■ 00032D

■ 000117

■ 000000

■ 5880E3

■ 5880E3

■ 4170E3

■ 6F90E3

■ 2B60E3

■ 85A0E3

■ 144FE3

■ 9CB1E3

■ 0041E3

■ B3C1E3

■ CAD1E3

■ E0E1E3

■ F7F1E3

■ FFFF E3

Harmonies

Analogous

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



0090E4



5880E3



A96BC8

Triad

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



5880E3



D0653E



009A6C

Complementary

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



5880E3



E3BB58

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.



48953C



5880E3



AF7A1A

Square

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



5880E3



DD566B



838A17



009B9F

Rectangle

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



5880E3



C85DAC



838A17



00995B

Sweetspot

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



5880E3



D1DEFF



58E3B9



636C80



000000



808080

Same Dimension

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



5880E3



457AFF



7458E3



676B73



0033B3



000F33

Inverse Universe

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



E35880



FF457A



C7E358



73676B



B30033



33000F

Previews

White Background



This preview shows how the Hex color 5880E3 looks on a white background.

Color Contrast Check

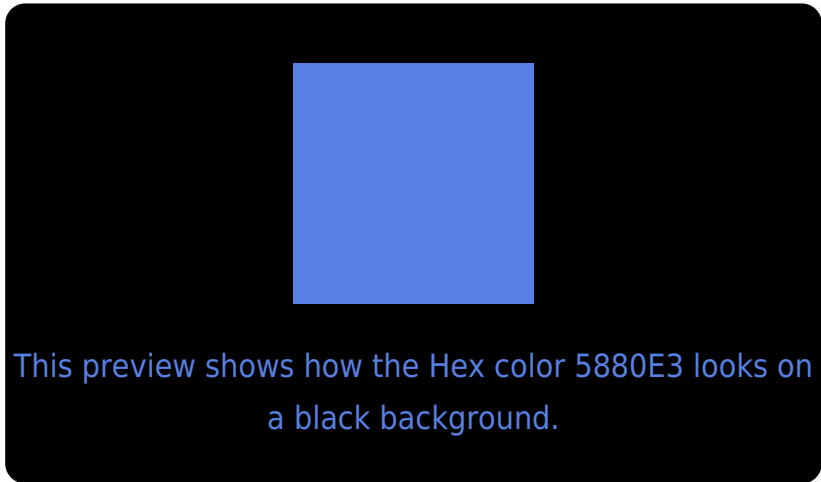
Large Text (above 18pt) WCAG AA ✓ Pass

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

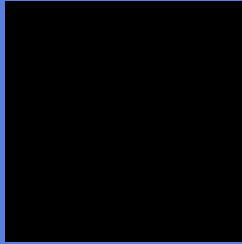
Any Text WCAG AA ✓ Pass

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 5880E3 Background



This preview shows how black text looks on a background with the Hex color 5880E3.



This preview shows how white text looks on a background with the Hex color 5880E3.

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](#).

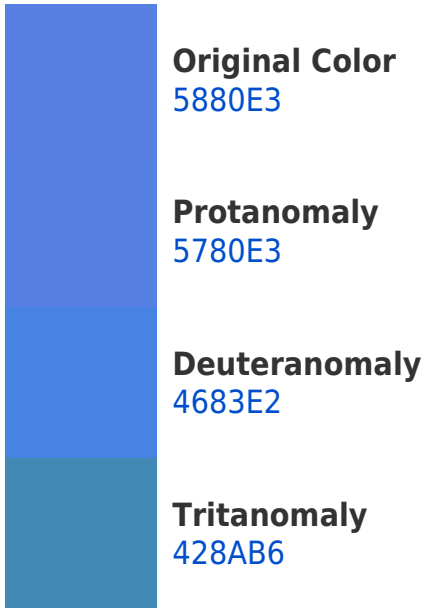
Dichromacy



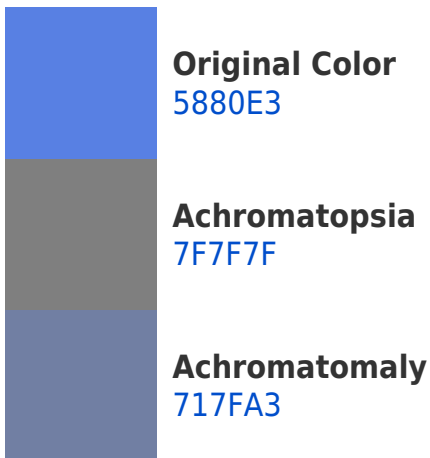


Tritanopia
36909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5880E3 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 #5880E3 looks like.

```
.text, #text, p{  
    color:#5880E3  
}
```

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 #5880E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5880E3
}
```

Border

The CSS property to change the border of an element to Hex 5880E3 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
#5880E3 }
```

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

```
.border{ border-color:#5880E3 }
```

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

Here you see how a box with a 4 pixel #5880E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5880E3; -webkit-box-shadow:4px 4px  
4px 4px #5880E3; box-shadow:4px 4px 4px  
4px #5880E3 }
```

Background

The CSS property to change the background color of an element to Hex 5880E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5880E3 }
```

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

```
.background{ background-color:#5880E3 }
```

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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