

Converting Colors

Hex(5780E0)

Have a look what the booklet for
Hex(5780E0) contains.

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Color

Hex(5780E0)

Conversions

Conversions Part 1

Format	Color
Hex	5780E0
RGB	87, 128, 224
RGB Percent	34%, 50%, 88%
CMY	0.6588, 0.4980, 0.1216
CMYK	0.61, 0.43, 0.00, 0.12
HSL	222°, 69%, 61%
HSV	222°, 61%, 88%
XYZ	25.1042, 22.8464, 73.6077
YIQ	126.6850, -55.2520, 21.1640

Conversions

Conversions Part 2

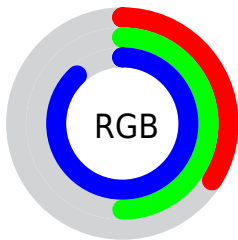
Format	Color
RYB	87, 119, 224
Decimal	5734624
CIELab	54.91, 15.14, -53.26
CIELCh	55, 55.375, 285.868
Yxy	22.8464, 0.2065, 0.1879
Android (android.graphics.Color)	4283924704 (0xFF5780E0)
YUV	126.6850, 47.9763, -34.8037
Hunter-Lab	47.7979, 10.1046, -57.8467

Details

The Hex color **5780E0** 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 **E0B757**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **93B4FF**, and **0050A8** is the 20% darker color. If you saturate the color by 10%, you get **4170E0**, and if you desaturate by 10%, it is **6D90E0**.

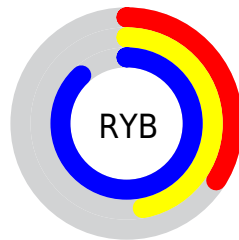
Distribution



Red (34%)

Green (50%)

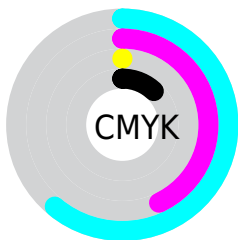
Blue (88%)



Red (34%)

Yellow (47%)

Blue (88%)

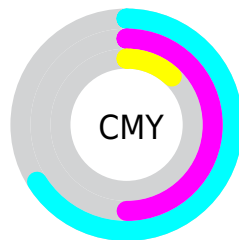


Cyan (61%)

Magenta (43%)

Yellow (0%)

Black (12%)



Cyan (66%)

Magenta (50%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5780E0 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 5780E0 by changing the saturation by 10% instead.

■ 5780E0

■ 5780E0

FFFFFF

■ 3567C4

■ 93B4FF

■ 0050A8

■ B1D0FF

■ 00398D

■ CFECFF

■ 002573

■ EDFFFF

■ 00115A

■ 000742

■ 00032B

■ 000115

■ 000000

■ 5780E0

■ 5780E0

■ 4170E0

■ 6D90E0

■ 2A61E0

■ 849FE0

■ 1451E0

■ 9AAFE0

■ 0043E0

■ B1BFE0

■ C7CEE0

■ DDDEE0

■ F4EEE0

■ FFFEE0

■ FFFFEO

Harmonies

Analogous

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



008FE0



5780E0



A66BC7

Triad

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



5780E0



CE6540



00996A

Complementary

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



5780E0



E0B757

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.



4C933C



5780E0



AF791F

Square

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



5780E0



DB576C



84891B



009A9C

Rectangle

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



5780E0



C55EAC



84891B



00985A

Sweetspot

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



5780E0



D1DFFF



57E0B7



636C80



000000



808080

Same Dimension

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



5780E0



457DFF



7257E0



656870



0035B0



000E30

Inverse Universe

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



E05780



FF457D



C5E057



706568



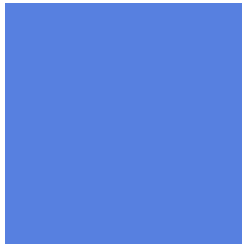
B00035



30000E

Previews

White Background



This preview shows how the Hex color 5780E0 looks on a white background.

Color Contrast Check

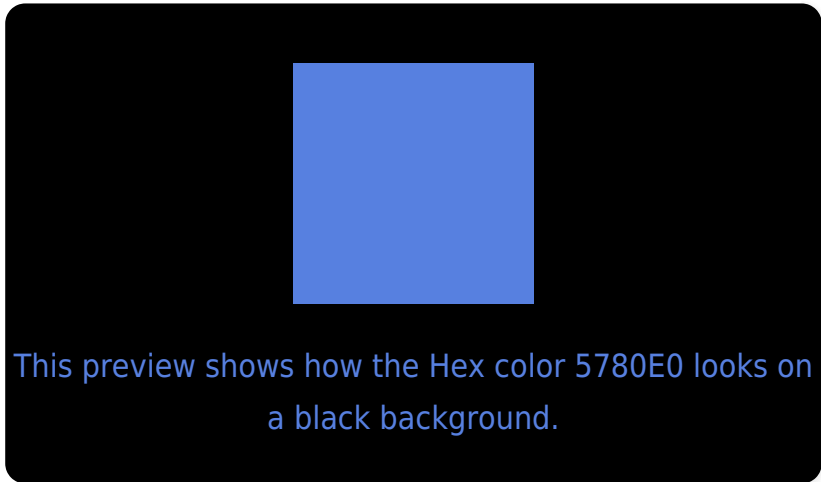
Large Text (above 18pt) WCAG AA ✓ Pass

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

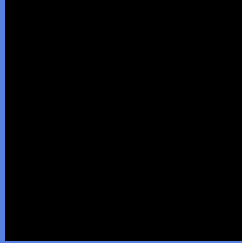
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

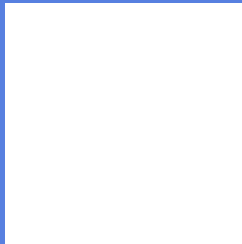
Any Text WCAG AAA × Fail

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

Hex 5780E0 Background



This preview shows how black text looks on a background with the Hex color 5780E0.



This preview shows how white text looks on a background with the Hex color 5780E0.

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](#).

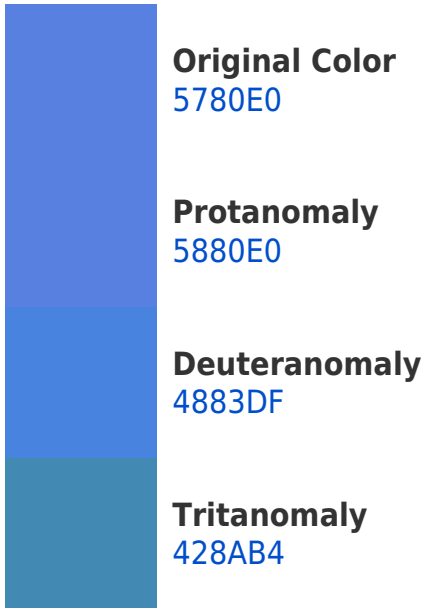
Dichromacy



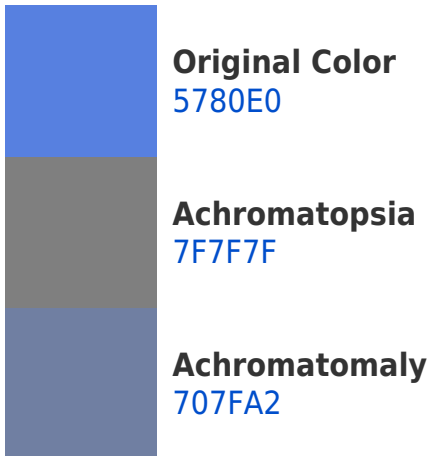


Tritanopia
368F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5780E0 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 #5780E0 looks like.

```
.text, #text, p{  
    color:#5780E0  
}
```

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 #5780E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5780E0
}
```

Border

The CSS property to change the border of an element to Hex 5780E0 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
#5780E0 }
```

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

```
.border{ border-color:#5780E0 }
```

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

Here you see how a box with a 4 pixel #5780E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5780E0; -webkit-box-shadow:4px 4px  
4px 4px #5780E0; box-shadow:4px 4px 4px  
4px #5780E0 }
```

Background

The CSS property to change the background color of an element to Hex 5780E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5780E0 }
```

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

```
.background{ background-color:#5780E0 }
```

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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