

Converting Colors

Hex(5798CE)

Have a look what the booklet for
Hex(5798CE) contains.

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Color

Hex(5798CE)

Conversions

Conversions Part 1

Format	Color
Hex	5798CE
RGB	87, 152, 206
RGB Percent	34%, 60%, 81%
CMY	0.6588, 0.4039, 0.1922
CMYK	0.58, 0.26, 0.00, 0.19
HSL	207°, 55%, 57%
HSV	207°, 58%, 81%
XYZ	26.2993, 28.9389, 62.5922
YIQ	138.7210, -56.0740, 3.0140

Conversions

Conversions Part 2

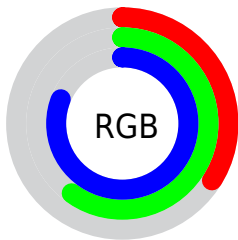
Format	Color
R_{YB}	87, 129, 206
Decimal	5740750
CIE _{Lab}	60.73, -4.91, -34.01
CIE _{LCh}	61, 34.360, 261.789
Yxy	28.9389, 0.2232, 0.2456
Android (android.graphics.Color)	4283930830 (0xFF5798CE)
YUV	138.7210, 33.1685, -45.3593
Hunter-Lab	53.7949, -6.8759, -31.3294

Details

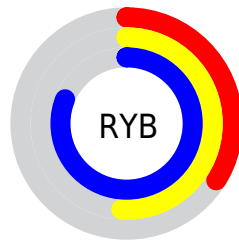
The Hex color **5798CE** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **CE8D57**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **91CEFF**, and **0C6597** is the 20% darker color. If you saturate the color by 10%, you get **428FCE**, and if you desaturate by 10%, it is **6CA1CE**.

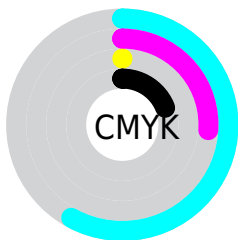
Distribution



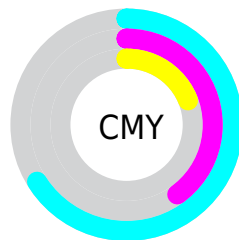
- Red (34%)
- Green (60%)
- Blue (81%)



- Red (34%)
- Yellow (51%)
- Blue (81%)



- Cyan (58%)
- Magenta (26%)
- Yellow (0%)
- Black (19%)



- Cyan (66%)
- Magenta (40%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5798CE 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 5798CE by changing the saturation by 10% instead.

 5798CE

 5798CE

FFFFFF

 387EB2

 91CEFF

 0C6597

 AEEAFF

 004E7D


 CBFFFF

 003764

 E9FFFF

 00224C

 000A35

 00021F

 000002

 000000

■ 5798CE

■ 5798CE

■ 428FCE

■ 6CA1CE

■ 2E85CE

■ 80ABCE

■ 197CCE

■ 95B4CE

■ 0573CE

■ A9BDCE

■ 0071CE

■ BEC7CE

■ D3D0CE

■ E7D9CE

■ FCE3CE

■ FFECCE

Harmonies

Analogous

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



1B9FC1



5798CE



8A8ECB

Triad

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



5798CE



CE7C7E



6D9E6C

Complementary

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



5798CE



CE8D57

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.



909759



5798CE



C48364

Square

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



5798CE



C87C9C



AE8E56



44A289

Rectangle

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



5798CE



A586C0



AE8E56



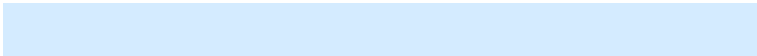
799C64

Sweetspot

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



5798CE



D4EBFF



57CE8D



667480



000000



808080

Same Dimension

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



5798CE



4FAFFF



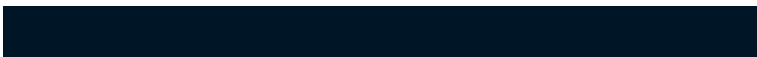
575DCE



5C6166



005BA6



001526

Inverse Universe

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



CE5798



FF4FAF



CEC857



665C61



A6005B



260015

Previews

White Background



This preview shows how the Hex color 5798CE looks on a white background.

Color Contrast Check

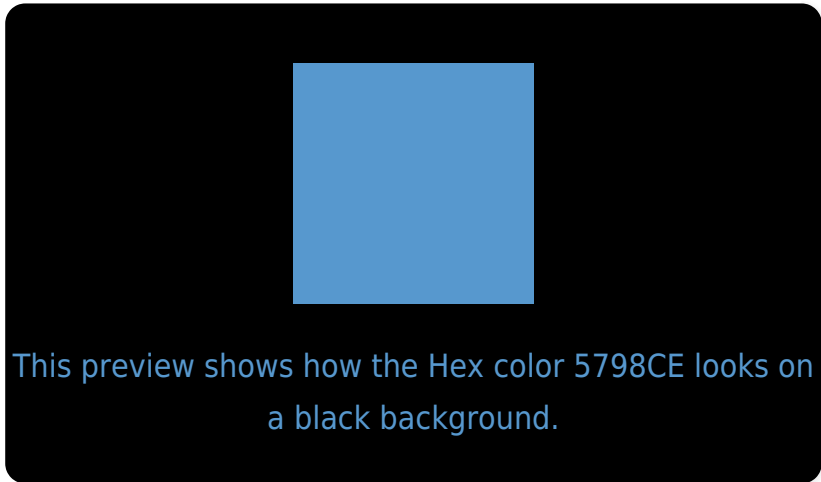
Large Text (above 18pt) WCAG AA ✓ Pass

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

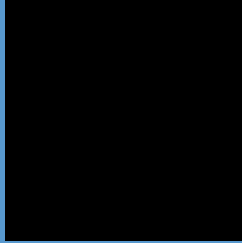
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

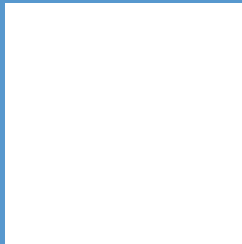
Any Text WCAG AAA × Fail

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

Hex 5798CE Background



This preview shows how black text looks on a background with the Hex color 5798CE.



This preview shows how white text looks on a background with the Hex color 5798CE.

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](#).

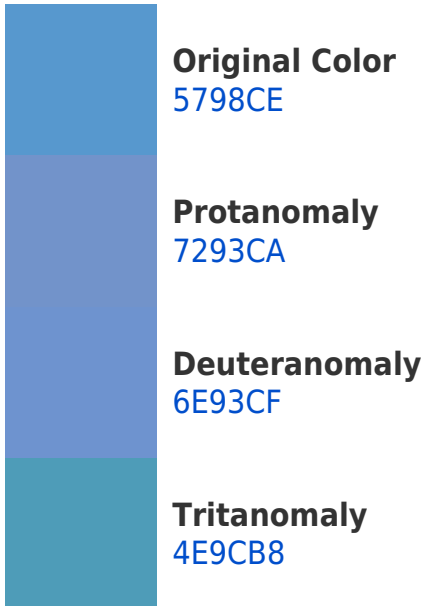
Dichromacy



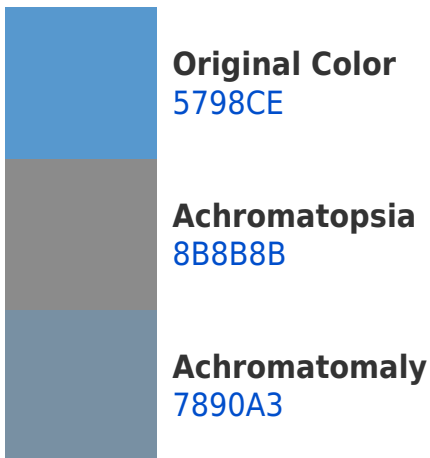


Tritanopia
499EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5798CE 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 #5798CE looks like.

```
.text, #text, p{  
    color:#5798CE  
}
```

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 #5798CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5798CE
}
```

Border

The CSS property to change the border of an element to Hex 5798CE 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
#5798CE }
```

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

```
.border{ border-color:#5798CE }
```

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

Here you see how a box with a 4 pixel #5798CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5798CE; -webkit-box-shadow:4px 4px  
4px 4px #5798CE; box-shadow:4px 4px 4px  
4px #5798CE }
```

Background

The CSS property to change the background color of an element to Hex 5798CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5798CE }
```

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

```
.background{ background-color:#5798CE }
```

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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