

Converting Colors

Hex(57B4CF)

Have a look what the booklet for
Hex(57B4CF) contains.

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Color

Hex(57B4CF)

Conversions

Conversions Part 1

Format	Color
Hex	57B4CF
RGB	87, 180, 207
RGB Percent	34%, 71%, 81%
CMY	0.6588, 0.2941, 0.1882
CMYK	0.58, 0.13, 0.00, 0.19
HSL	193°, 56%, 58%
HSV	193°, 58%, 81%
XYZ	31.5142, 39.1737, 64.9318
YIQ	155.2710, -64.0950, -11.3190

Conversions

Conversions Part 2

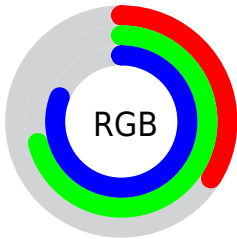
Format	Color
R _Y B	87, 139, 207
Decimal	5747919
CIE Lab	68.88, -19.78, -22.00
CIE LCh	69, 29.589, 228.043
Yxy	39.1737, 0.2324, 0.2888
Android (android.graphics.Color)	4283937999 (0xFF57B4CF)
YUV	155.2710, 25.5024, -59.8737
Hunter-Lab	62.5889, -19.6539, -17.6971

Details

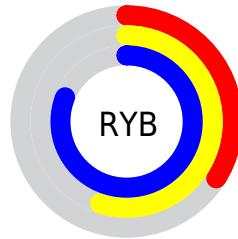
The Hex color **57B4CF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **CF7257**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **92ECFF**, and **027F99** is the 20% darker color. If you saturate the color by 10%, you get **42AFCF**, and if you desaturate by 10%, it is **6CB9CF**.

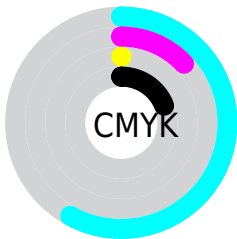
Distribution



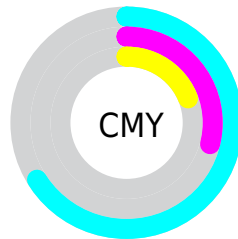
- Red (34%)
- Green (71%)
- Blue (81%)



- Red (34%)
- Yellow (55%)
- Blue (81%)



- Cyan (58%)
- Magenta (13%)
- Yellow (0%)
- Black (19%)



- Cyan (66%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57B4CF 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 57B4CF by changing the saturation by 10% instead.

 57B4CF

 57B4CF


FFFFFF

 3799B3

 92ECFF

 027F99

 AFFFFFFF

 00667F

 CDFFFF

 004E66

 EBFFFF

 00374D

 002237

 000221

 000007

 000000

■ 57B4CF

■ 57B4CF

■ 42AFCF

■ 6CB9CF

■ 2EABCF

■ 80BDCF

■ 19A6CF

■ 95C2CF

■ 04A1CF

■ AAC7CF

■ 00A0CF

■ BFCBCF

■ D3D0CF

■ E8D5CF

■ FDD9CF

■ FFDECF

Harmonies

Analogous

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



55B7B8



57B4CF



75AEDC

Triad

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



57B4CF



D695B4



AAAB75

Complementary

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



57B4CF



CF7257

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.



C5A374



57B4CF



DE9599

Square

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



57B4CF



C09CCC



D79A81



8CB284

Rectangle

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



57B4CF



90A8DD



D79A81



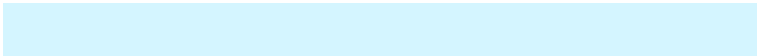
B4A973

Sweetspot

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



57B4CF



D4F5FF



57CF71



667A80



000000



808080

Same Dimension

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



57B4CF



4DD7FF



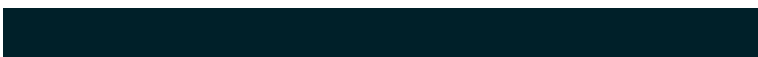
5779CF



5E6669



0082A8



002029

Inverse Universe

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



CF57B4



FF4DD7



CFAD57



695E66



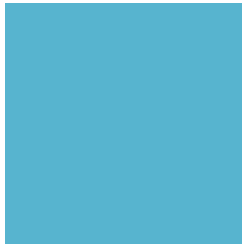
A80082



290020

Previews

White Background



This preview shows how the Hex color 57B4CF looks on a white background.

Color Contrast Check

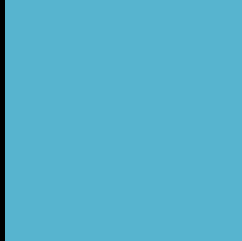
Large Text (above 18pt) WCAG AA × Fail

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 57B4CF 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 ✓ Pass

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

Hex 57B4CF Background



This preview shows how black text looks on a background with the Hex color 57B4CF.

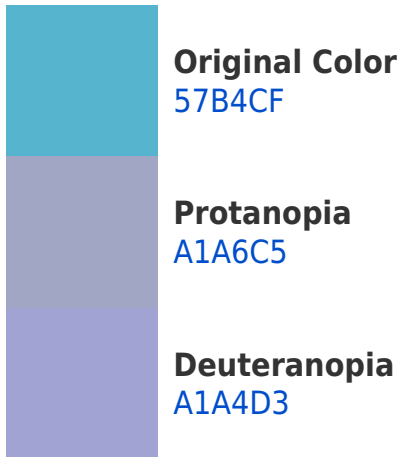


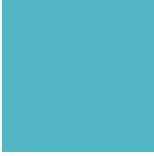
This preview shows how white text looks on a background with the Hex color 57B4CF.

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](#).

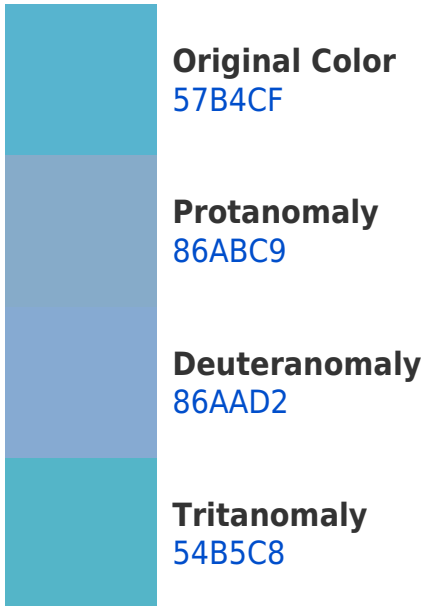
Dichromacy



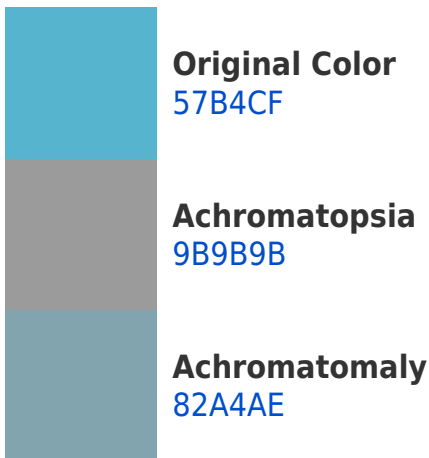


Tritanopia
53B6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57B4CF 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 #57B4CF looks like.

```
.text, #text, p{  
    color:#57B4CF  
}
```

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 #57B4CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57B4CF
}
```

Border

The CSS property to change the border of an element to Hex 57B4CF 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
#57B4CF }
```

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

```
.border{ border-color:#57B4CF }
```

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

Here you see how a box with a 4 pixel #57B4CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57B4CF; -webkit-box-shadow:4px 4px  
4px 4px #57B4CF; box-shadow:4px 4px 4px  
4px #57B4CF }
```

Background

The CSS property to change the background color of an element to Hex 57B4CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57B4CF }
```

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

```
.background{ background-color:#57B4CF }
```

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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