

Converting Colors

Hex(57AFD0)

Have a look what the booklet for
Hex(57AFD0) contains.

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Color

Hex(57AFD0)

Conversions

Conversions Part 1

Format	Color
Hex	57AFD0
RGB	87, 175, 208
RGB Percent	34%, 69%, 82%
CMY	0.6588, 0.3137, 0.1843
CMYK	0.58, 0.16, 0.00, 0.18
HSL	196°, 56%, 58%
HSV	196°, 58%, 82%
XYZ	30.6456, 37.2402, 65.2474
YIQ	152.4500, -63.0410, -8.3930

Conversions

Conversions Part 2

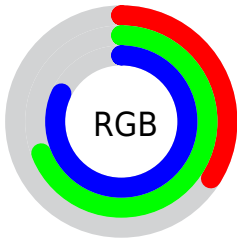
Format	Color
R _Y B	87, 138, 208
Decimal	5746640
CIE Lab	67.46, -16.87, -24.72
CIE LCh	67, 29.932, 235.692
Yxy	37.2402, 0.2302, 0.2797
Android (android.graphics.Color)	4283936720 (0xFF57AFD0)
YUV	152.4500, 27.3862, -57.3996
Hunter-Lab	61.0248, -17.1537, -20.6752

Details

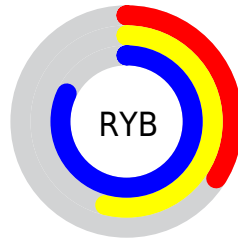
The Hex color **57AFD0** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **D07857**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **92E7FF**, and **047A9A** is the 20% darker color. If you saturate the color by 10%, you get **42A9D0**, and if you desaturate by 10%, it is **6CB5D0**.

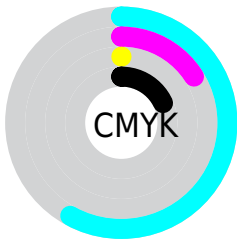
Distribution



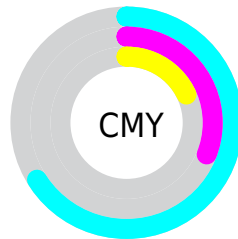
- Red (34%)
- Green (69%)
- Blue (82%)



- Red (34%)
- Yellow (54%)
- Blue (82%)



- Cyan (58%)
- Magenta (16%)
- Yellow (0%)
- Black (18%)



- Cyan (66%)
- Magenta (31%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57AFD0 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 57AFD0 by changing the saturation by 10% instead.

■ 57AFD0

■ 57AFD0

FFFFFF

■ 3794B4

■ 92E7FF

■ 047A9A

■ AFFFFFF

■ 00627F

■ CDFFFF

■ 004A66

■ EAFFFF

■ 00334E

■ 001F37

■ 000222

■ 000008

■ 000000

■ 57AFD0

■ 57AFD0

■ 42A9D0

■ 6CB5D0

■ 2DA4D0

■ 81BAD0

■ 199ED0

■ 95C0D0

■ 0498D0

■ AAC6D0

■ 0097D0

■ BFCBD0

■ D4D1D0

■ E9D7D0

■ FDDCD0

■ FFE2D0

Harmonies

Analogous

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



4DB3BB



57AFD0



7BA8DA

Triad

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



57AFD0



D690A9



9FAA73

Complementary

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



57AFD0



D07857

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.



BBA16F



57AFD0



DA918E

Square

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



57AFD0



C396C3



D09879



80B085

Rectangle

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



57AFD0



96A2D8



D09879



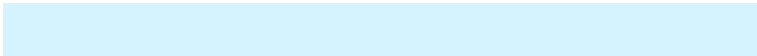
A9A770

Sweetspot

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



57AFD0



D4F3FF



57D077



667980



000000



808080

Same Dimension

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



57AFD0



4DCEFF



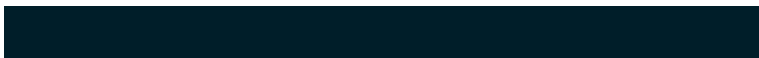
5773D0



5E6669



007AA8



001E29

Inverse Universe

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



D057AF



FF4DCE



D0B457



695E66



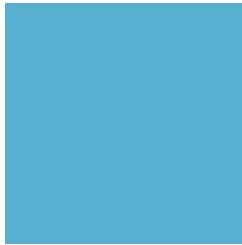
A8007A



29001E

Previews

White Background



This preview shows how the Hex color 57AFD0 looks on a white background.

Color Contrast Check

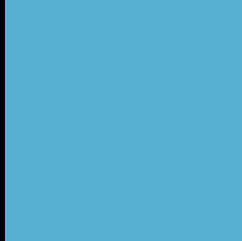
Large Text (above 18pt) WCAG AA × Fail

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 57AFD0 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 57AFD0 Background



This preview shows how black text looks on a background with the Hex color 57AFD0.



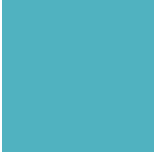
This preview shows how white text looks on a background with the Hex color 57AFD0.

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](#).

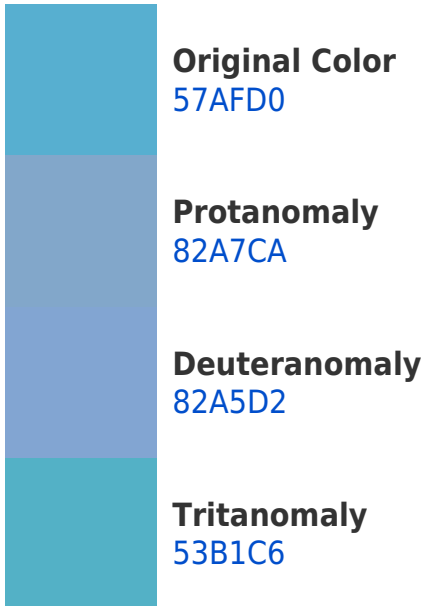
Dichromacy



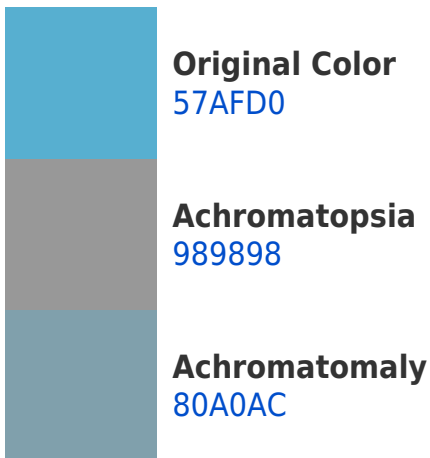


Tritanopia
50B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57AFD0 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 #57AFD0 looks like.

```
.text, #text, p{  
    color:#57AFD0  
}
```

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 #57AFD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57AFD0
}
```

Border

The CSS property to change the border of an element to Hex 57AFD0 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
#57AFD0 }
```

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

```
.border{ border-color:#57AFD0 }
```

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

Here you see how a box with a 4 pixel #57AFD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57AFD0; -webkit-box-shadow:4px 4px  
4px 4px #57AFD0; box-shadow:4px 4px 4px  
4px #57AFD0 }
```

Background

The CSS property to change the background color of an element to Hex 57AFD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57AFD0 }
```

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

```
.background{ background-color:#57AFD0 }
```

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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