

Converting Colors

Hex(57AED4)

Have a look what the booklet for
Hex(57AED4) contains.

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Color

Hex(57AED4)

Conversions

Conversions Part 1

Format	Color
Hex	57AED4
RGB	87, 174, 212
RGB Percent	34%, 68%, 83%
CMY	0.6588, 0.3176, 0.1686
CMYK	0.59, 0.18, 0.00, 0.17
HSL	198°, 59%, 59%
HSV	198°, 59%, 83%
XYZ	30.9502, 37.0518, 67.8078
YIQ	152.3190, -64.0500, -6.6260

Conversions

Conversions Part 2

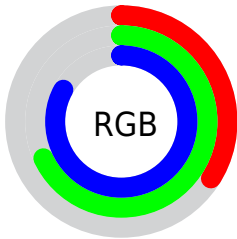
Format	Color
R_{YB}	87, 138, 212
Decimal	5746388
CIE _{Lab}	67.32, -15.13, -27.14
CIE _{LCh}	67, 31.077, 240.864
Yxy	37.0518, 0.2279, 0.2728
Android (android.graphics.Color)	4283936468 (0xFF57AED4)
YUV	152.3190, 29.4227, -57.2848
Hunter-Lab	60.8702, -15.7623, -23.4384

Details

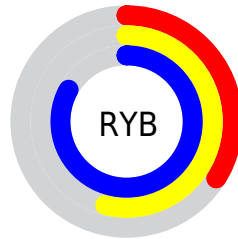
The Hex color **57AED4** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **D47D57**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **92E6FF**, and **017A9D** is the 20% darker color. If you saturate the color by 10%, you get **42A8D4**, and if you desaturate by 10%, it is **6CB4D4**.

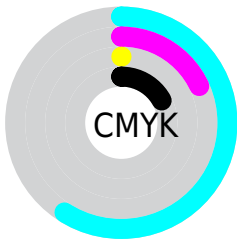
Distribution



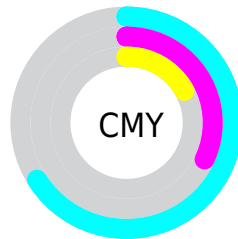
- Red (34%)
- Green (68%)
- Blue (83%)



- Red (34%)
- Yellow (54%)
- Blue (83%)



- Cyan (59%)
- Magenta (18%)
- Yellow (0%)
- Black (17%)



- Cyan (66%)
- Magenta (32%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57AED4 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 57AED4 by changing the saturation by 10% instead.

■ 57AED4

■ 57AED4

FFFFFF

■ 3693B8

■ 92E6FF

■ 017A9D

■ B0FFFF

■ 006183

■ CDFFFF

■ 00496A

■ EBFFFF

■ 003251

■ 001E3A

■ 000225

■ 00010D

■ 000000

■ 57AED4

■ 57AED4

■ 42A8D4

■ 6CB4D4

■ 2DA1D4

■ 81BBD4

■ 179BD4

■ 97C1D4

■ 0294D4

■ ACC8D4

■ 0094D4

■ C1CED4

■ D6D5D4

■ EBDBD4

■ FFE2D4

■ FFE8D4

Harmonies

Analogous

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



45B2C0



57AED4



80A6DB

Triad

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



57AED4



D98FA4



99AB73

Complementary

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



57AED4



D47D57

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.



B6A26C



57AED4



DA9189

Square

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



57AED4



C893C0



CE9974



78B188

Rectangle

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



57AED4



9CA0D8



CE9974



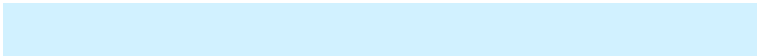
A3A86F

Sweetspot

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



57AED4



D1F1FF



57D47D



637780



000000



808080

Same Dimension

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



57AED4



4AC8FF



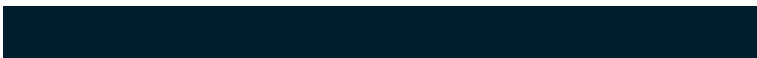
5770D4



60686B



0077AB



001E2B

Inverse Universe

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



D457AE



FF4AC8



D4BB57



6B6068



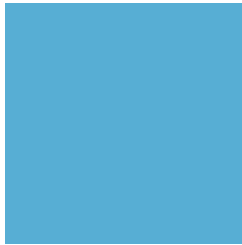
AB0077



2B001E

Previews

White Background



This preview shows how the Hex color 57AED4 looks on a white background.

Color Contrast Check

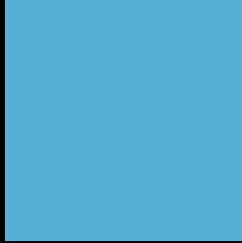
Large Text (above 18pt) WCAG AA × Fail

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 57AED4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

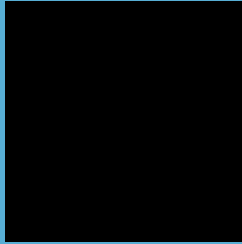
Any Text WCAG AA ✓ Pass

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 57AED4 Background



This preview shows how black text looks on a background with the Hex color 57AED4.

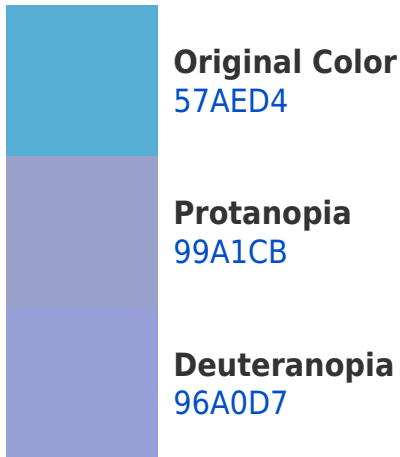


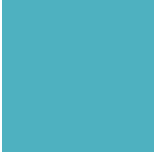
This preview shows how white text looks on a background with the Hex color 57AED4.

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](#).

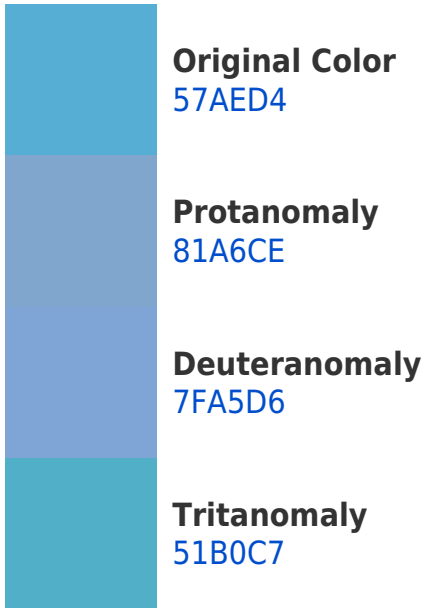
Dichromacy



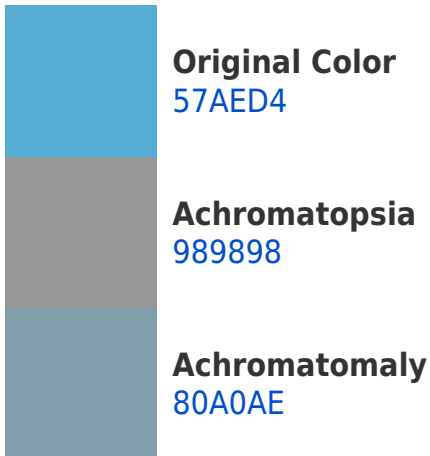


Tritanopia
4EB1C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57AED4 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 #57AED4 looks like.

```
.text, #text, p{  
    color:#57AED4  
}
```

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 #57AED4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57AED4
}
```

Border

The CSS property to change the border of an element to Hex 57AED4 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
#57AED4 }
```

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

```
.border{ border-color:#57AED4 }
```

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

Here you see how a box with a 4 pixel #57AED4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57AED4; -webkit-box-shadow:4px 4px  
4px 4px #57AED4; box-shadow:4px 4px 4px  
4px #57AED4 }
```

Background

The CSS property to change the background color of an element to Hex 57AED4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57AED4 }
```

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

```
.background{ background-color:#57AED4 }
```

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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