

Converting Colors

Hex(57B0E8)

Have a look what the booklet for
Hex(57B0E8) contains.

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Color

Hex(57B0E8)

Conversions

Conversions Part 1

Format	Color
Hex	57B0E8
RGB	87, 176, 232
RGB Percent	34%, 69%, 91%
CMY	0.6588, 0.3098, 0.0902
CMYK	0.62, 0.24, 0.00, 0.09
HSL	203°, 76%, 63%
HSV	203°, 62%, 91%
XYZ	34.0213, 38.9031, 82.0599
YIQ	155.7730, -71.0200, -1.4520

Conversions

Conversions Part 2

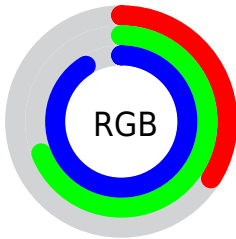
Format	Color
R _Y B	87, 142, 232
Decimal	5746920
CIE Lab	68.68, -9.99, -36.00
CIE LCh	69, 37.366, 254.486
Yxy	38.9031, 0.2195, 0.2510
Android (android.graphics.Color)	4283937000 (0xFF57B0E8)
YUV	155.7730, 37.5799, -60.3139
Hunter-Lab	62.3723, -11.7879, -34.3439

Details

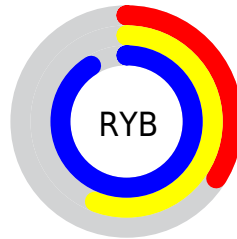
The Hex color **57B0E8** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **E88F57**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **94E8FF**, and **007CB0** is the 20% darker color. If you saturate the color by 10%, you get **40A7E8**, and if you desaturate by 10%, it is **6EB9E8**.

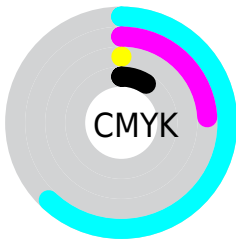
Distribution



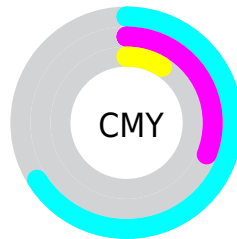
- Red (34%)
- Green (69%)
- Blue (91%)



- Red (34%)
- Yellow (56%)
- Blue (91%)



- Cyan (62%)
- Magenta (24%)
- Yellow (0%)
- Black (9%)



- Cyan (66%)
- Magenta (31%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57B0E8 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 57B0E8 by changing the saturation by 10% instead.

■ 57B0E8

FFFFFF

■ 94E8FF

■ B2FFFF

■ D0FFFF

■ EFFFFFF

■ 57B0E8

■ 3495CC

■ 007CB0

■ 006395

■ 004B7B

■ 003562

■ 00204A

■ 000433

■ 00021D

■ 000000

■ 57B0E8

■ 57B0E8

■ 40A7E8

■ 6EB9E8

■ 299EE8

■ 85C2E8

■ 1195E8

■ 9DCBE8

■ 008EE8

■ B4D4E8

■ CBDDE8

■ E2E6E8

■ F9EFE8

■ FFF8E8

■ FFFF8E8

Harmonies

Analogous

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



19B7D6



57B0E8



91A5E9

Triad

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



57B0E8



EA8E98



88B376

Complementary

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



57B0E8



E88F57

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.



AEAB65



57B0E8



E3947A

Square

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



57B0E8



DE8FBB



CD9F67



5DB894

Rectangle

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



57B0E8



B29DDF



CD9F67



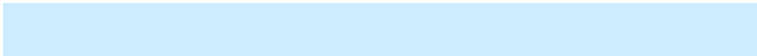
95B16F

Sweetspot

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



57B0E8



CFECFF



57E88F



627480



000000



808080

Same Dimension

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



57B0E8



40B5FF



5768E8



676E73



006EB3



001F33

Inverse Universe

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



E857B0



FF40B5



E8D757



73676E



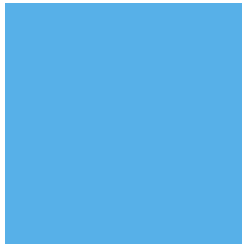
B3006E



33001F

Previews

White Background



This preview shows how the Hex color 57B0E8 looks on a white background.

Color Contrast Check

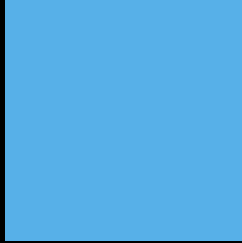
Large Text (above 18pt) WCAG AA × Fail

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 57B0E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

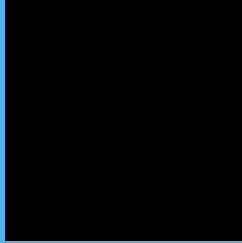
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

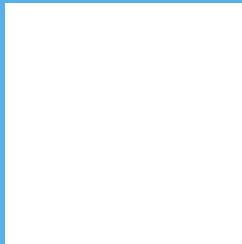
Any Text WCAG AAA ✓ Pass

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

Hex 57B0E8 Background



This preview shows how black text looks on a background with the Hex color 57B0E8.

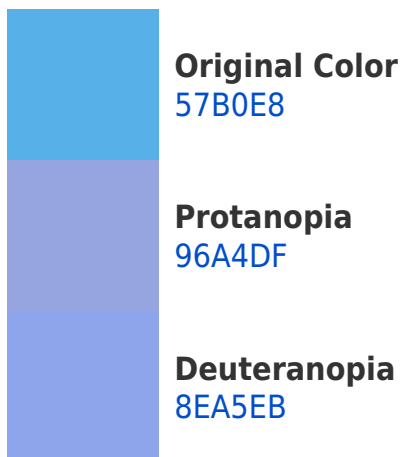


This preview shows how white text looks on a background with the Hex color 57B0E8.

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](#).

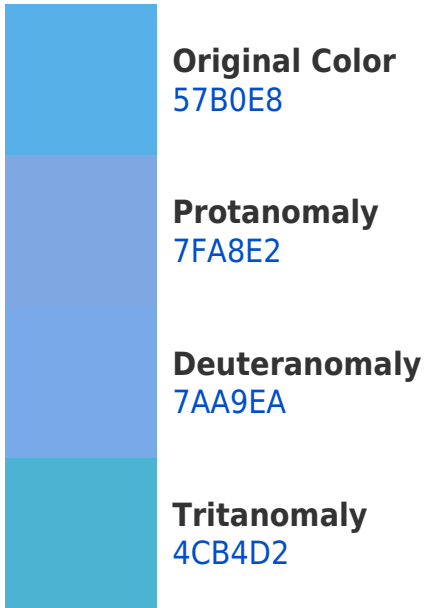
Dichromacy



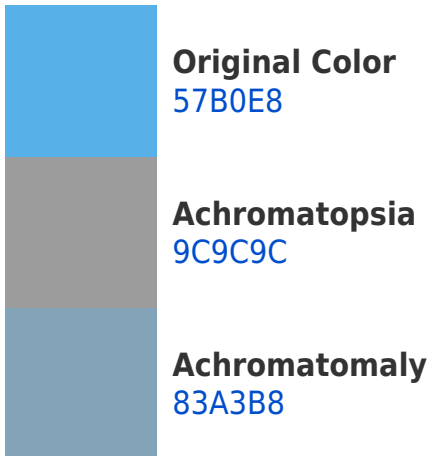


Tritanopia
46B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57B0E8 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 #57B0E8 looks like.

```
.text, #text, p{  
    color:#57B0E8  
}
```

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 #57B0E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57B0E8
}
```

Border

The CSS property to change the border of an element to Hex 57B0E8 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
#57B0E8 }
```

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

```
.border{ border-color:#57B0E8 }
```

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

Here you see how a box with a 4 pixel #57B0E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57B0E8; -webkit-box-shadow:4px 4px  
4px 4px #57B0E8; box-shadow:4px 4px 4px  
4px #57B0E8 }
```

Background

The CSS property to change the background color of an element to Hex 57B0E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57B0E8 }
```

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

```
.background{ background-color:#57B0E8 }
```

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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