

Converting Colors

Hex(57B3E1)

Have a look what the booklet for
Hex(57B3E1) contains.

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Color

Hex(57B3E1)

Conversions

Conversions Part 1

Format	Color
Hex	57B3E1
RGB	87, 179, 225
RGB Percent	34%, 70%, 88%
CMY	0.6588, 0.2980, 0.1176
CMYK	0.61, 0.20, 0.00, 0.12
HSL	200°, 70%, 61%
HSV	200°, 61%, 88%
XYZ	33.6412, 39.7027, 77.1245
YIQ	156.7360, -69.5980, -5.1980

Conversions

Conversions Part 2

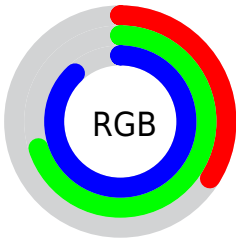
Format	Color
R _Y B	87, 142, 225
Decimal	5747681
CIE _{Lab}	69.26, -13.81, -31.29
CIE _{LCh}	69, 34.197, 246.191
Y _{xy}	39.7027, 0.2236, 0.2639
Android (android.graphics.Color)	4283937761 (0xFF57B3E1)
YUV	156.7360, 33.6542, -61.1585
Hunter-Lab	63.0101, -14.9661, -28.4641

Details

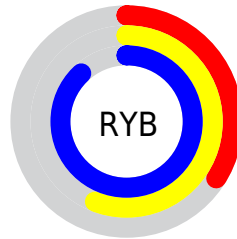
The Hex color **57B3E1** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **E18557**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **94EBFF**, and **007EAA** is the 20% darker color. If you saturate the color by 10%, you get **41ABE1**, and if you desaturate by 10%, it is **6EBAE1**.

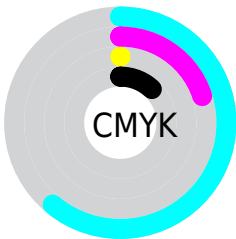
Distribution



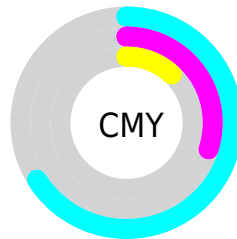
- Red (34%)
- Green (70%)
- Blue (88%)



- Red (34%)
- Yellow (56%)
- Blue (88%)



- Cyan (61%)
- Magenta (20%)
- Yellow (0%)
- Black (12%)



- Cyan (66%)
- Magenta (30%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57B3E1 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 57B3E1 by changing the saturation by 10% instead.

■ 57B3E1

■ 57B3E1

FFFFFF

■ 3598C5

■ 94EBFF

■ 007EAA

■ B2FFFF

■ 00658F

■ CFFFFFF

■ 004D75

■ EFFFFFF

■ 00375C

■ 002144

■ 00042E

■ 000119

■ 000000

■ 57B3E1

■ 57B3E1

■ 41ABE1

■ 6EBAE1

■ 2AA4E1

■ 84C2E1

■ 149CE1

■ 9BCAE1

■ 0096E1

■ B1D1E1

■ C8D9E1

■ DEE0E1

■ F4E8E1

■ FFEFE1

■ FFF7E1

Harmonies

Analogous

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



38B8CD



57B3E1



88AAE6

Triad

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



57B3E1



E591A4



96B276

Complementary

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



57B3E1



E18557

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.



B8A96B



57B3E1



E39586

Square

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



57B3E1



D695C3



D39F71



71B88F

Rectangle

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



57B3E1



A7A3E1



D39F71



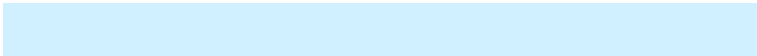
A2AF71

Sweetspot

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



57B3E1



D1F0FF



57E185



637680



000000



808080

Same Dimension

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



57B3E1



42C0FF



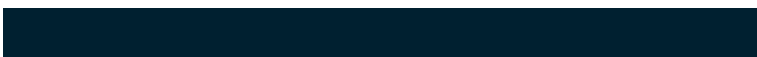
576EE1



656C70



0075B0



002030

Inverse Universe

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



E157B3



FF42C0



E1CA57



70656C



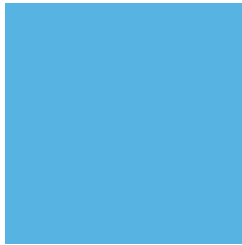
B00075



300020

Previews

White Background



This preview shows how the Hex color 57B3E1 looks on a white background.

Color Contrast Check

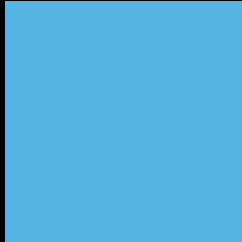
Large Text (above 18pt) WCAG AA × Fail

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 57B3E1 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

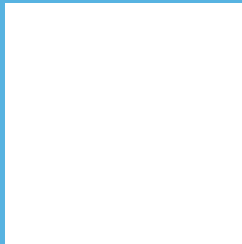
Any Text WCAG AAA ✓ Pass

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

Hex 57B3E1 Background



This preview shows how black text looks on a background with the Hex color 57B3E1.

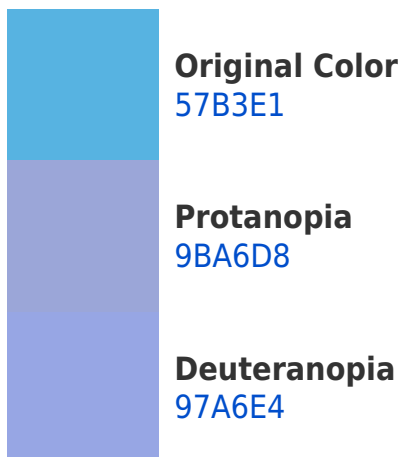


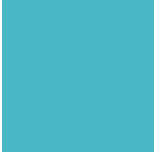
This preview shows how white text looks on a background with the Hex color 57B3E1.

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](#).

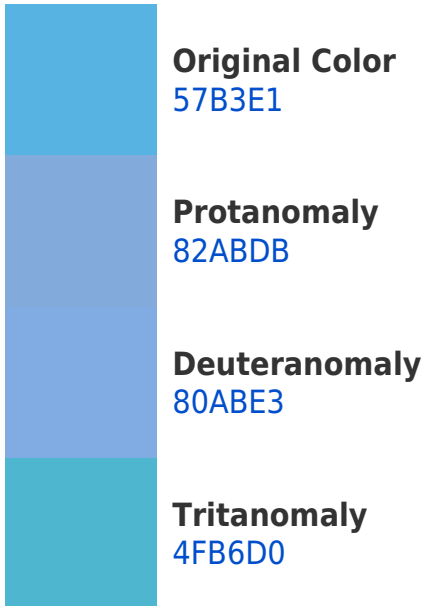
Dichromacy



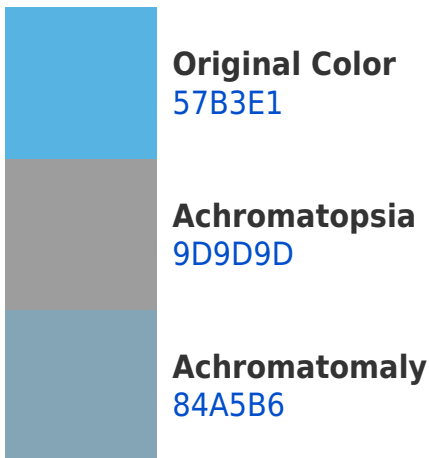


Tritanopia
4BB8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57B3E1 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 #57B3E1 looks like.

```
.text, #text, p{  
    color:#57B3E1  
}
```

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 #57B3E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57B3E1
}
```

Border

The CSS property to change the border of an element to Hex 57B3E1 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
#57B3E1 }
```

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

```
.border{ border-color:#57B3E1 }
```

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

Here you see how a box with a 4 pixel #57B3E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57B3E1; -webkit-box-shadow:4px 4px  
4px 4px #57B3E1; box-shadow:4px 4px 4px  
4px #57B3E1 }
```

Background

The CSS property to change the background color of an element to Hex 57B3E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57B3E1 }
```

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

```
.background{ background-color:#57B3E1 }
```

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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