

Converting Colors

Hex(59B0E1)

Have a look what the booklet for
Hex(59B0E1) contains.

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Color

Hex(59B0E1)

Conversions

Conversions Part 1

Format	Color
Hex	59B0E1
RGB	89, 176, 225
RGB Percent	35%, 69%, 88%
CMY	0.6510, 0.3098, 0.1176
CMYK	0.60, 0.22, 0.00, 0.12
HSL	202°, 69%, 62%
HSV	202°, 60%, 88%
XYZ	33.2358, 38.6108, 76.9351
YIQ	155.5730, -67.5810, -3.2050

Conversions

Conversions Part 2

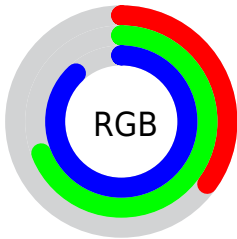
Format	Color
R _Y B	89, 142, 225
Decimal	5877985
CIE Lab	68.47, -11.83, -32.50
CIE LCh	68, 34.587, 249.997
Yxy	38.6108, 0.2234, 0.2595
Android (android.graphics.Color)	4284068065 (0xFF59B0E1)
YUV	155.5730, 34.2275, -58.3845
Hunter-Lab	62.1376, -13.2657, -29.9131

Details

The Hex color **59B0E1** 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 **E18A59**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **95E8FF**, and **007CAA** is the 20% darker color. If you saturate the color by 10%, you get **43A8E1**, and if you desaturate by 10%, it is **6FB8E1**.

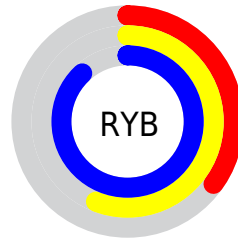
Distribution



Red (35%)

Green (69%)

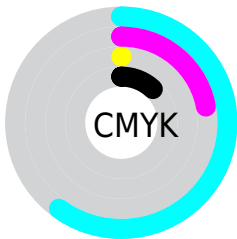
Blue (88%)



Red (35%)

Yellow (56%)

Blue (88%)

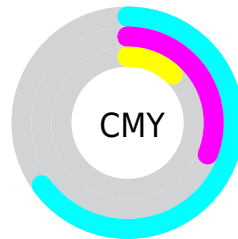


Cyan (60%)

Magenta (22%)

Yellow (0%)

Black (12%)



Cyan (65%)

Magenta (31%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59B0E1 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 59B0E1 by changing the saturation by 10% instead.

■ 59B0E1

■ 59B0E1

FFFFFF

■ 3795C5

■ 95E8FF

■ 007CAA

■ B3FFFF

■ 00638F

■ D1FFFF

■ 004B75

■ EFFFFFF

■ 00345C

■ 002044

■ 00042E

■ 000118

■ 000000

■ 59B0E1

■ 59B0E1

■ 43A8E1

■ 6FB8E1

■ 2CA0E1

■ 86C0E1

■ 1698E1

■ 9DC8E1

■ 0090E1

■ B3D0E1

■ CAD9E1

■ E0E1E1

■ F7E9E1

■ FFF1E1

■ FFF9E1

Harmonies

Analogous

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



33B6CE



59B0E1



8CA6E4

Triad

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



59B0E1



E48F9E



8FB176

Complementary

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



59B0E1



E18A59

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.



B2A869



59B0E1



E09480

Square

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



59B0E1



D792BD



CE9E6D



69B691

Rectangle

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



59B0E1



AB9FDD



CE9E6D



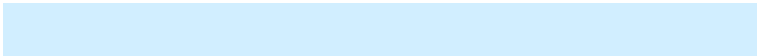
9BAE70

Sweetspot

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



59B0E1



D1EEFF



59E189



637580



000000



808080

Same Dimension

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



59B0E1



45BCFF



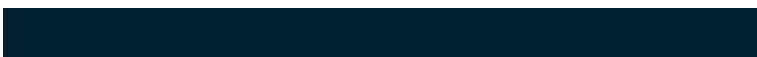
596DE1



656C70



0071B0



001F30

Inverse Universe

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



E159B0



FF45BC



E1CD59



70656C



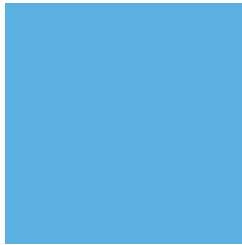
B00071



30001F

Previews

White Background



This preview shows how the Hex color 59B0E1 looks on a white background.

Color Contrast Check

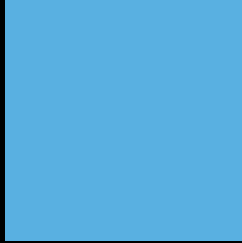
Large Text (above 18pt) WCAG AA × Fail

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 59B0E1 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

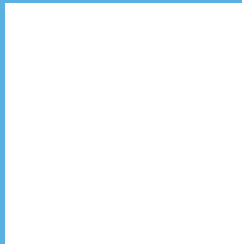
Any Text WCAG AAA ✓ Pass

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

Hex 59B0E1 Background



This preview shows how black text looks on a background with the Hex color 59B0E1.

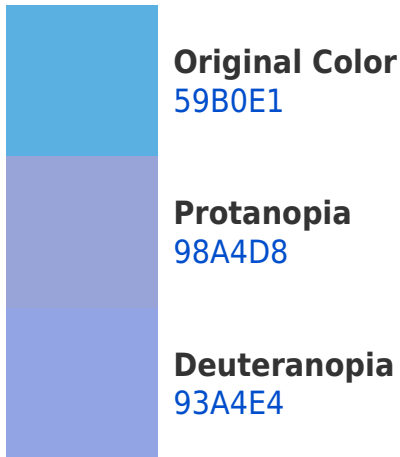


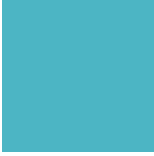
This preview shows how white text looks on a background with the Hex color 59B0E1.

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](#).

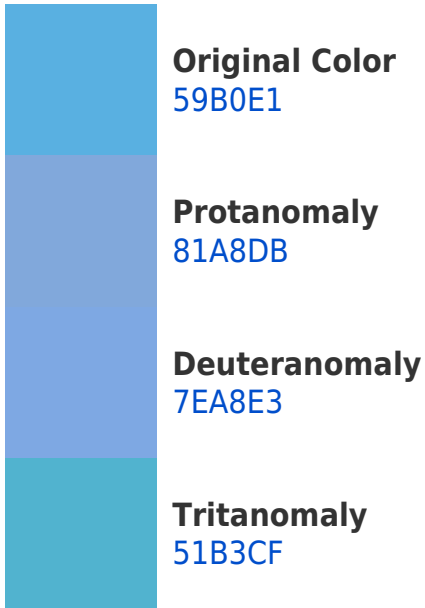
Dichromacy



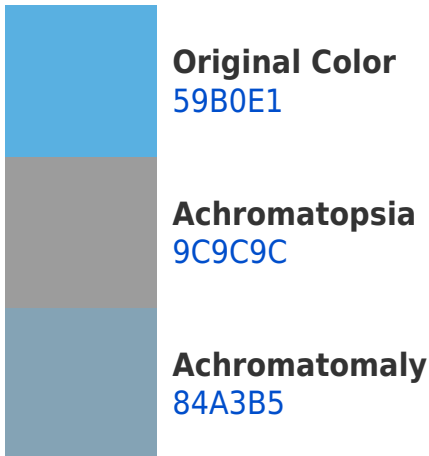


Tritanopia
4CB5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 59B0E1 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 #59B0E1 looks like.

```
.text, #text, p{  
    color:#59B0E1  
}
```

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 #59B0E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59B0E1
}
```

Border

The CSS property to change the border of an element to Hex 59B0E1 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
#59B0E1 }
```

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

```
.border{ border-color:#59B0E1 }
```

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

Here you see how a box with a 4 pixel #59B0E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59B0E1; -webkit-box-shadow:4px 4px  
4px 4px #59B0E1; box-shadow:4px 4px 4px  
4px #59B0E1 }
```

Background

The CSS property to change the background color of an element to Hex 59B0E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59B0E1 }
```

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

```
.background{ background-color:#59B0E1 }
```

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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