

# Converting Colors

Hex(5FB1E0)

Have a look what the booklet for  
Hex(5FB1E0) contains.

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# **Color**

**Hex(5FB1E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FB1E0
RGB	95, 177, 224
RGB Percent	37%, 69%, 88%
CMY	0.6275, 0.3059, 0.1216
CMYK	0.58, 0.21, 0.00, 0.12
HSL	202°, 68%, 63%
HSV	202°, 58%, 88%
XYZ	33.8960, 39.2590, 76.3122
YIQ	157.8400, -63.9590, -2.7670

# Conversions

## Conversions Part 2

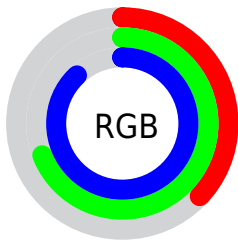
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	95, 145, 224
Decimal	6271456
CIE Lab	68.94, -11.54, -31.21
CIE LCh	69, 33.274, 249.707
Yxy	39.2590, 0.2268, 0.2627
Android (android.graphics.Color)	4284461536 (0xFF5FB1E0)
YUV	157.8400, 32.6169, -55.1107
Hunter-Lab	62.6570, -13.0853, -28.3516

# Details

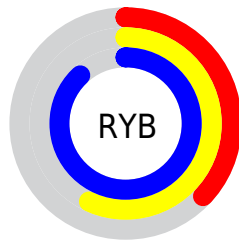
The Hex color **5FB1E0** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **E08E5F**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **9AE9FF**, and **157CA9** is the 20% darker color. If you saturate the color by 10%, you get **49A9E0**, and if you desaturate by 10%, it is **75B9E0**.

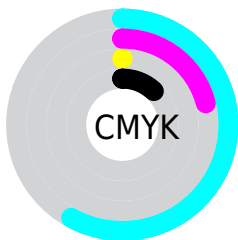
# Distribution



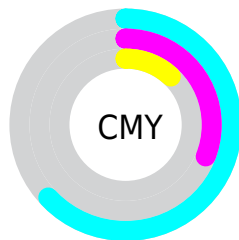
- Red (37%)
- Green (69%)
- Blue (88%)



- Red (37%)
- Yellow (57%)
- Blue (88%)



- Cyan (58%)
- Magenta (21%)
- Yellow (0%)
- Black (12%)



- Cyan (63%)
- Magenta (31%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5FB1E0 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 5FB1E0 by changing the saturation by 10% instead.



■ 5FB1E0

■ 5FB1E0

FFFFFF

■ 3F96C4

■ 9AE9FF

■ 157CA9

■ B8FFFF

■ 00648E

■ D5FFFF

■ 004C74

■ F3FFFF

■ 00355B

■ 002044

■ 00032D

■ 000118

■ 000000

■ 5FB1E0

■ 5FB1E0

■ 49A9E0

■ 75B9E0

■ 32A1E0

■ 8CC1E0

■ 1C99E0

■ A2C9E0

■ 0590E0

■ B9D2E0

■ 008EE0

■ CFDAE0

■ E5E2E0

■ FCEAE0

■ FFF2E0

■ FFFAE0

# Harmonies

## Analogous

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



3FB7CE



5FB1E0



8EA8E3

# Triad

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



5FB1E0



E3919F



92B279

# Complementary

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



5FB1E0



E0E5F

# 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.



B3AA6C



5FB1E0



E09683

# Square

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



5FB1E0



D694BE



CE9F70



6EB792

# Rectangle

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



5FB1E0



ACA1DC



CE9F70



9DAF73

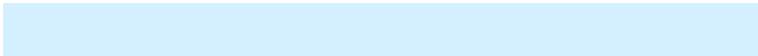


# Sweetspot

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



5FB1E0



D4EFFF



5FE08C



667680



000000



808080

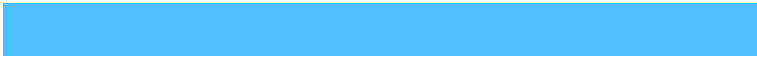


# Same Dimension

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



5FB1E0



4FBFFF



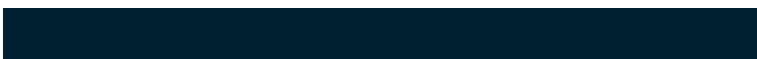
5F72E0



656C70



0070B0



001F30



# Inverse Universe

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



E05FB1



FF4FBF



E0CD5F



70656C



B00070

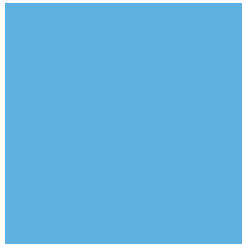


30001F



# Previews

## White Background



This preview shows how the Hex color 5FB1E0 looks on a white background.

## Color Contrast Check

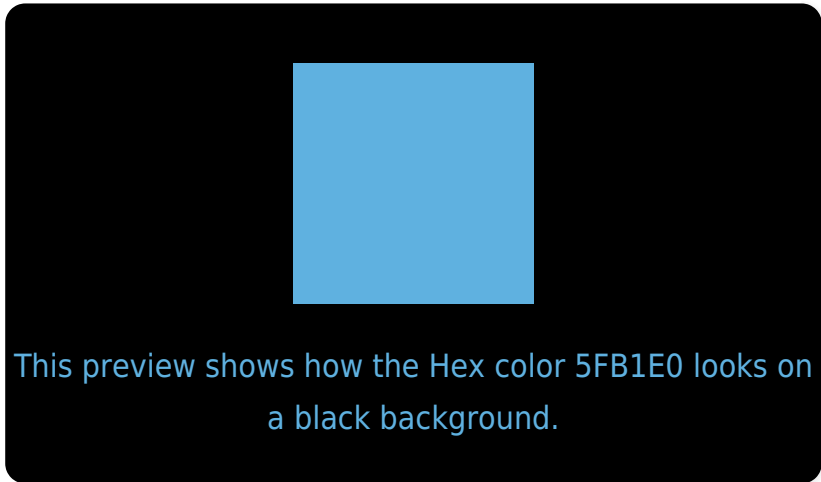
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 5FB1E0 Background



This preview shows how black text looks on a background with the Hex color 5FB1E0.

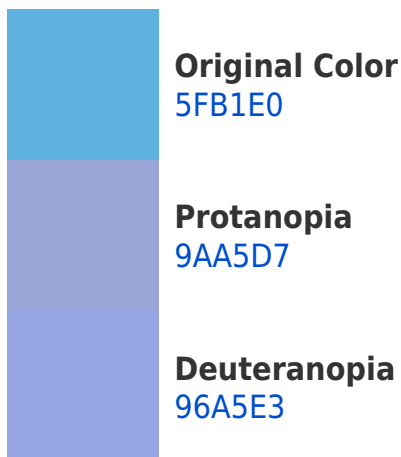


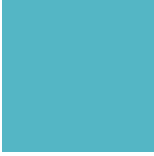
This preview shows how white text looks on a background with the Hex color 5FB1E0.

# 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](#).

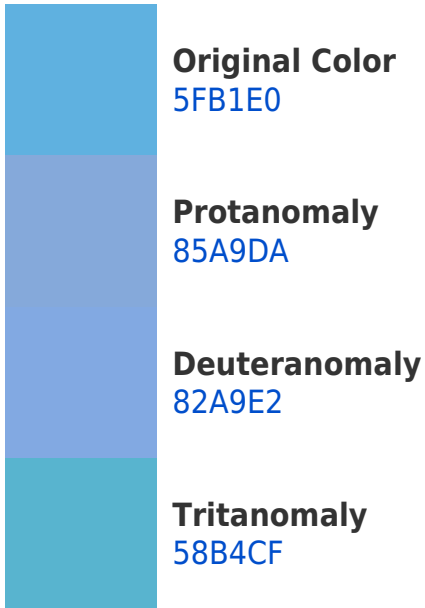
## Dichromacy



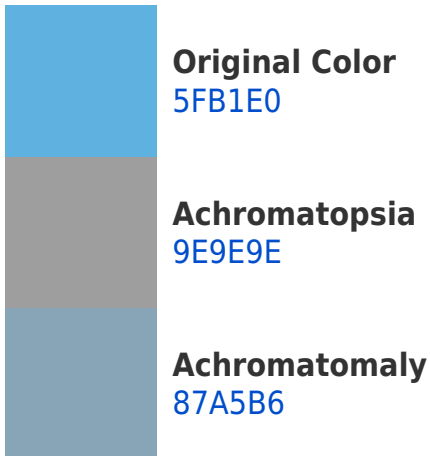


**Tritanopia**  
54B6C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5FB1E0 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 #5FB1E0 looks like.

```
.text, #text, p{  
    color:#5FB1E0  
}
```

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 #5FB1E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FB1E0
}
```

## Border

The CSS property to change the border of an element to Hex 5FB1E0 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
#5FB1E0 }
```

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

```
.border{ border-color:#5FB1E0 }
```

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

Here you see how a box with a 4 pixel #5FB1E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FB1E0; -webkit-box-shadow:4px 4px  
4px 4px #5FB1E0; box-shadow:4px 4px 4px  
4px #5FB1E0 }
```

# Background

The CSS property to change the background color of an element to Hex 5FB1E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FB1E0 }
```

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

```
.background{ background-color:#5FB1E0 }
```

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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