

Converting Colors

Hex(5FB8EE)

Have a look what the booklet for
Hex(5FB8EE) contains.

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Color

Hex(5FB8EE)

Conversions

Conversions Part 1

Format	Color
Hex	5FB8EE
RGB	95, 184, 238
RGB Percent	37%, 72%, 93%
CMY	0.6275, 0.2784, 0.0667
CMYK	0.60, 0.23, 0.00, 0.07
HSL	203°, 81%, 65%
HSV	203°, 60%, 93%
XYZ	37.2924, 42.8869, 87.2014
YIQ	163.5450, -70.3780, -2.0740

Conversions

Conversions Part 2

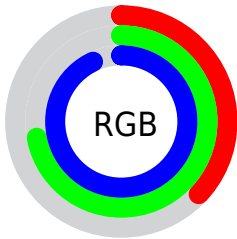
Format	Color
RYB	95, 150, 238
Decimal	6273262
CIELab	71.48, -11.02, -34.91
CIELCh	71, 36.605, 252.480
Yxy	42.8869, 0.2228, 0.2562
Android (android.graphics.Color)	4284463342 (0xFF5FB8EE)
YUV	163.5450, 36.7063, -60.1140
Hunter-Lab	65.4881, -12.9568, -33.1066

Details

The Hex color **5FB8EE** 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 **EE955F**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **9CF0FF**, and **0883B6** is the 20% darker color. If you saturate the color by 10%, you get **47AFEE**, and if you desaturate by 10%, it is **77C1EE**.

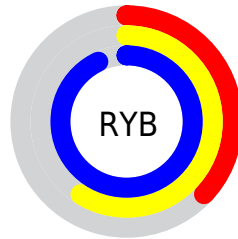
Distribution



Red (37%)

Green (72%)

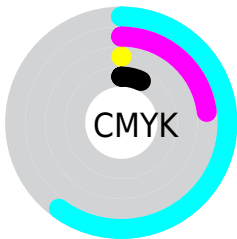
Blue (93%)



Red (37%)

Yellow (59%)

Blue (93%)

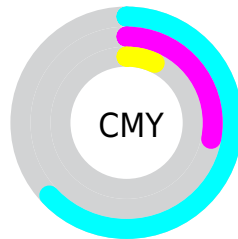


Cyan (60%)

Magenta (23%)

Yellow (0%)

Black (7%)



Cyan (63%)

Magenta (28%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FB8EE 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 5FB8EE by changing the saturation by 10% instead.

 5FB8EE

 5FB8EE

FFFFFF

 3D9DD2

 9CF0FF

 0883B6

 BAF0FF

 006A9B


 D8FFFF


 005281

 F6FFFF

 003B67

 00264F

 000F38

 000222

 000007

■ 5FB8EE

■ 5FB8EE

■ 47AFEE

■ 77C1EE

■ 2FA6EE

■ 8FCAEE

■ 189DEE

■ A6D3EE

■ 0094EE

■ BEDCEE

■ D6E5EE

■ EEEEEEE

■ FFF7EE

■ FFFFEE

Harmonies

Analogous

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



31BFDB



5FB8EE



96AEF0

Triad

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



5FB8EE



F195A2



93BA7D

Complementary

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



5FB8EE



EE955F

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.



B8B26D



5FB8EE



EB9B84

Square

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



5FB8EE



E498C4



D6A670



69C09A

Rectangle

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



5FB8EE



B7A5E7



D6A670



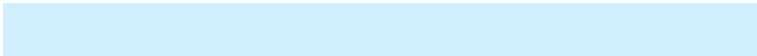
9FB876

Sweetspot

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



5FB8EE



D1EEFF



5FEE93



637580



000000



808080

Same Dimension

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



5FB8EE



47BAFF



5F72EE



6C7378



0072B8



002338

Inverse Universe

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



EE5FB8



FF47BA



EEDB5F



786C73



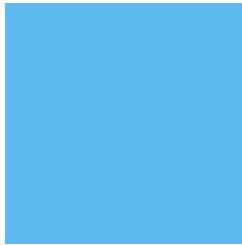
B80072



380023

Previews

White Background



This preview shows how the Hex color 5FB8EE looks on a white background.

Color Contrast Check

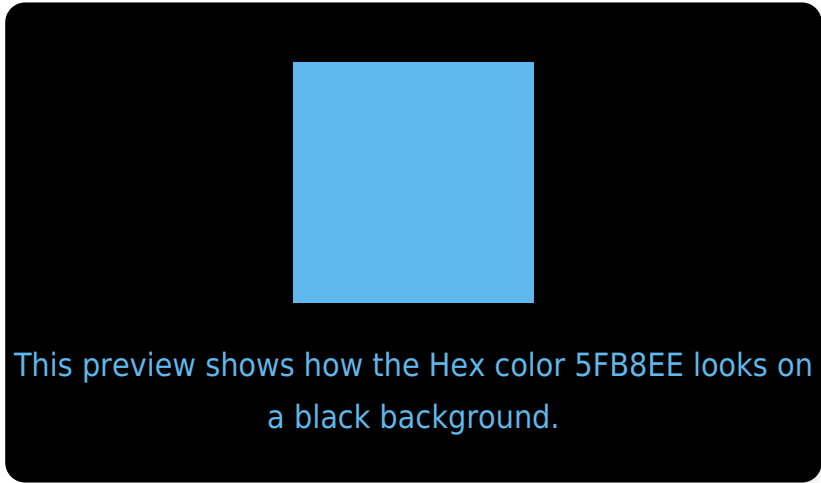
Large Text (above 18pt) WCAG AA × Fail

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

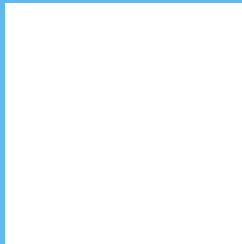
Any Text WCAG AAA ✓ Pass

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

Hex 5FB8EE Background



This preview shows how black text looks on a background with the Hex color 5FB8EE.

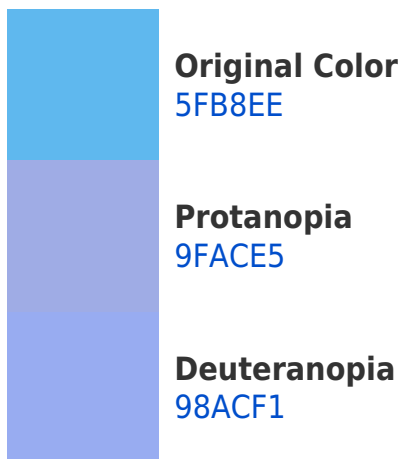


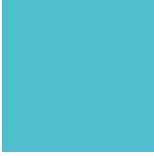
This preview shows how white text looks on a background with the Hex color 5FB8EE.

Color Blindness Simulation

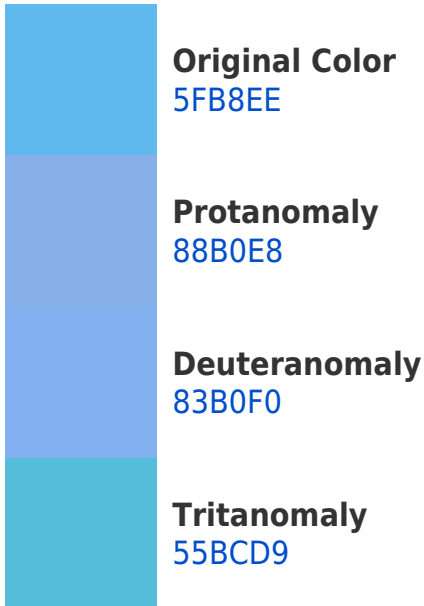
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

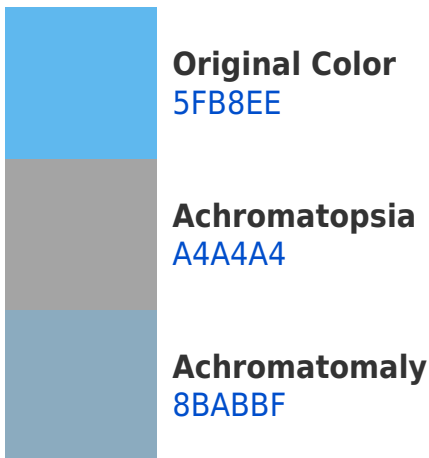




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FB8EE 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 #5FB8EE looks like.

```
.text, #text, p{  
    color:#5FB8EE  
}
```

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 #5FB8EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FB8EE
}
```

Border

The CSS property to change the border of an element to Hex 5FB8EE 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
#5FB8EE }
```

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

```
.border{ border-color:#5FB8EE }
```

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

Here you see how a box with a 4 pixel #5FB8EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FB8EE; -webkit-box-shadow:4px 4px  
4px 4px #5FB8EE; box-shadow:4px 4px 4px  
4px #5FB8EE }
```

Background

The CSS property to change the background color of an element to Hex 5FB8EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FB8EE }
```

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

```
.background{ background-color:#5FB8EE }
```

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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