

Converting Colors

Hex(5BB1FE)

Have a look what the booklet for
Hex(5BB1FE) contains.

Hex(5BB1FE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5BB1FE)

Conversions

Conversions Part 1

Format	Color
Hex	5BB1FE
RGB	91, 177, 254
RGB Percent	36%, 69%, 100%
CMY	0.6431, 0.3059, 0.0039
CMYK	0.64, 0.30, 0.00, 0.00
HSL	208°, 99%, 68%
HSV	208°, 64%, 100%
XYZ	37.9259, 40.8242, 99.6469
YIQ	160.0640, -75.9730, 5.7150

Conversions

Conversions Part 2

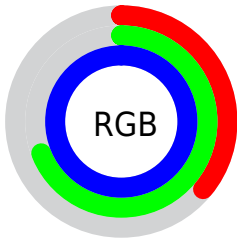
Format	Color
R _Y B	91, 147, 254
Decimal	6009342
CIE Lab	70.05, -2.81, -45.81
CIE LCh	70, 45.897, 266.486
Yxy	40.8242, 0.2126, 0.2288
Android (android.graphics.Color)	4284199422 (0xFF5BB1FE)
YUV	160.0640, 46.3104, -60.5691
Hunter-Lab	63.8938, -5.8606, -47.7413

Details

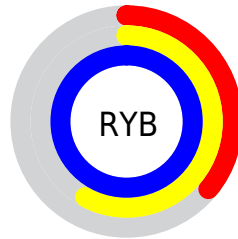
The Hex color **5BB1FE** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **FEA85B**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **9AE8FF**, and **007DC5** is the 20% darker color. If you saturate the color by 10%, you get **42A5FE**, and if you desaturate by 10%, it is **74BDFE**.

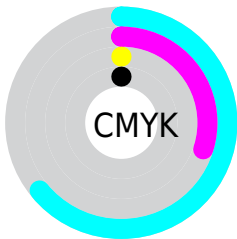
Distribution



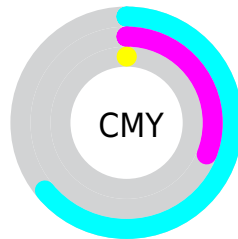
- Red (36%)
- Green (69%)
- Blue (100%)



- Red (36%)
- Yellow (58%)
- Blue (100%)



- Cyan (64%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BB1FE 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 5BB1FE by changing the saturation by 10% instead.

 5BB1FE

 5BB1FE

FFFFFF

 3696E1

 9AE8FF

 007DC5

 B9FFFF

 0064A9

 D7FFFF

 004D8F

 F6FFFF

 003675

 00225B

 000844

 00032C

 000117

■ 5BB1FE

■ 5BB1FE

■ 42A5FE

■ 74BDFE

■ 2899FE

■ 8EC9FE

■ 0F8DFE

■ A7D5FE

■ 0086FE

■ C1E1FE

■ DAEDFE

■ F3F9FE

FFFFFE

Harmonies

Analogous

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



00BBF0



5BB1FE



A7A2F6

Triad

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



5BB1FE



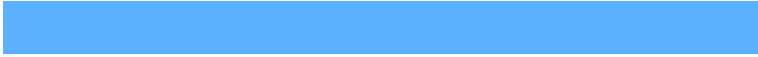
FA8C88



6DBC7C

Complementary

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



5BB1FE



FEA85B

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.



A0B45E



5BB1FE



E99867

Square

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



5BB1FE



F689B2



C9A756



19C0A5

Rectangle

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



5BB1FE



CC98E5



C9A756



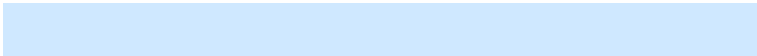
7FBA70

Sweetspot

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



5BB1FE



CFE8FF



5BFEA7



627280



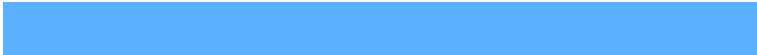
000000



808080

Same Dimension

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



5BB1FE



3BA2FF



5B60FE



737980



0065BF



002240

Inverse Universe

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



FE5BB1



FF3BA2



FEF95B



807379



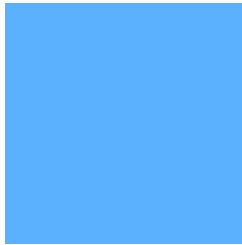
BF0065



400022

Previews

White Background



This preview shows how the Hex color 5BB1FE looks on a white background.

Color Contrast Check

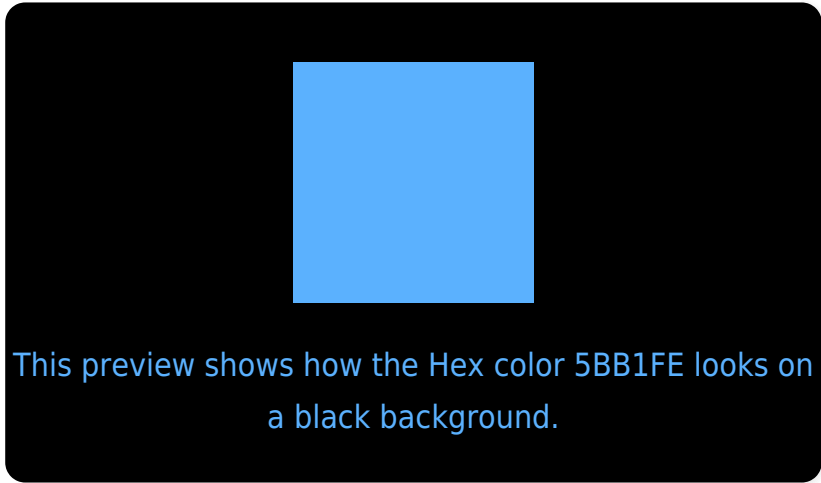
Large Text (above 18pt) WCAG AA × Fail

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

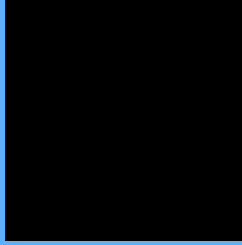
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

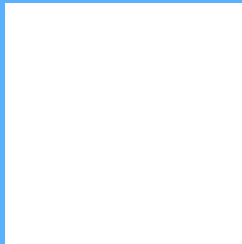
Any Text WCAG AAA ✓ Pass

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

Hex 5BB1FE Background



This preview shows how black text looks on a background with the Hex color 5BB1FE.

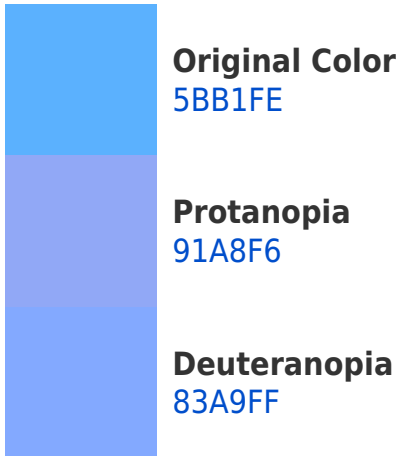


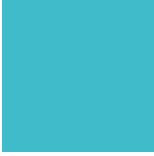
This preview shows how white text looks on a background with the Hex color 5BB1FE.

Color Blindness Simulation

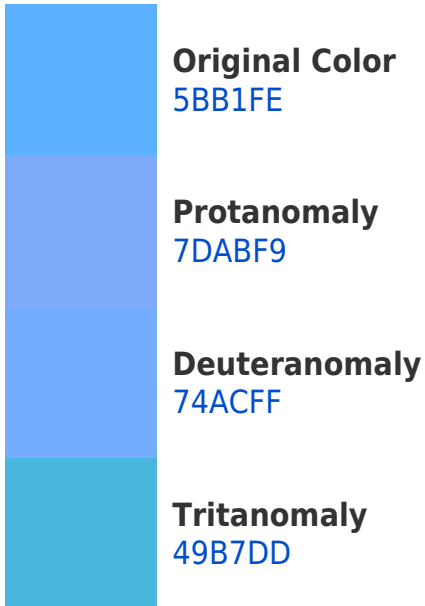
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

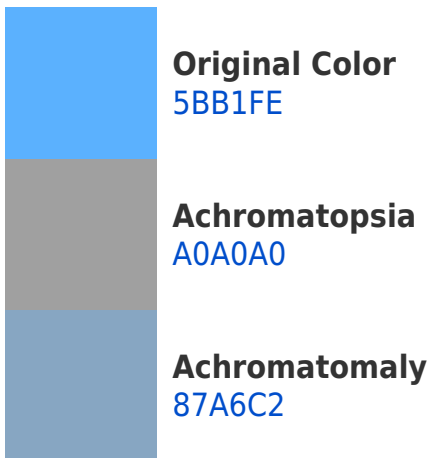




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BB1FE 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 #5BB1FE looks like.

```
.text, #text, p{  
    color:#5BB1FE  
}
```

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 #5BB1FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BB1FE
}
```

Border

The CSS property to change the border of an element to Hex 5BB1FE 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
#5BB1FE }
```

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

```
.border{ border-color:#5BB1FE }
```

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

Here you see how a box with a 4 pixel #5BB1FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BB1FE; -webkit-box-shadow:4px 4px  
4px 4px #5BB1FE; box-shadow:4px 4px 4px  
4px #5BB1FE }
```

Background

The CSS property to change the background color of an element to Hex 5BB1FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BB1FE }
```

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

```
.background{ background-color:#5BB1FE }
```

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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