

Converting Colors

Hex(51BFFE)

Have a look what the booklet for
Hex(51BFFE) contains.

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Color

Hex(51BFFE)

Conversions

Conversions Part 1

Format	Color
Hex	51BFFE
RGB	81, 191, 254
RGB Percent	32%, 75%, 100%
CMY	0.6824, 0.2510, 0.0039
CMYK	0.68, 0.25, 0.00, 0.00
HSL	202°, 99%, 66%
HSV	202°, 68%, 100%
XYZ	39.9135, 46.1667, 100.5733
YIQ	165.2920, -85.7830, -3.7270

Conversions

Conversions Part 2

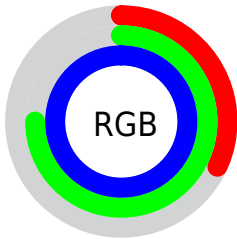
Format	Color
R _Y B	81, 148, 254
Decimal	5357566
CIE Lab	73.65, -12.01, -40.20
CIE LCh	74, 41.958, 253.362
Yxy	46.1667, 0.2138, 0.2473
Android (android.graphics.Color)	4283547646 (0xFF51BFFE)
YUV	165.2920, 43.7330, -73.9241
Hunter-Lab	67.9461, -14.0495, -40.1984

Details

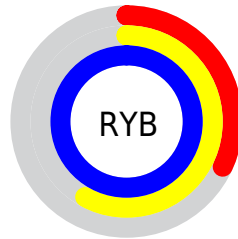
The Hex color **51BFFE** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **FE9051**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **93F7FF**, and **008AC5** is the 20% darker color. If you saturate the color by 10%, you get **38B6FE**, and if you desaturate by 10%, it is **6AC8FE**.

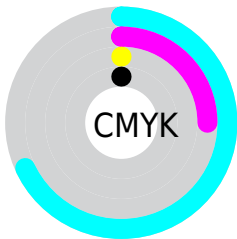
Distribution



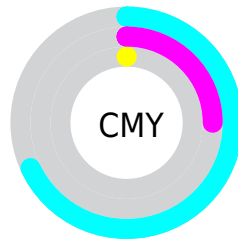
- Red (32%)
- Green (75%)
- Blue (100%)



- Red (32%)
- Yellow (58%)
- Blue (100%)



- Cyan (68%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (68%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51BFFE 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 51BFFE by changing the saturation by 10% instead.

 51BFFE

 51BFFE

FFFFFF

 25A4E1

 93F7FF

 008AC5

 B2FFFF

 0070AA

 D1FFFF

 00588F

 F0FFFF

 004175

 002B5C

 001844

 00032D

 000118

■ 51BFFE

■ 51BFFE

■ 38B6FE

■ 6AC8FE

■ 1EADFE

■ 84D1FE

■ 05A3FE

■ 9DDBFE

■ 00A2FE

■ B7E4FE

■ D0EDFE

■ E9F6FE

FFFFFE

Harmonies

Analogous

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



00C7E9



51BFFE



98B3FF

Triad

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



51BFFE



FF97A5



92C27C

Complementary

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



51BFFE



FE9051

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.



BDB869



51BFFE



F89E82

Square

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



51BFFE



F299CC



E0AB6B



60C89E

Rectangle

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



51BFFE



BFA9F5



E0AB6B



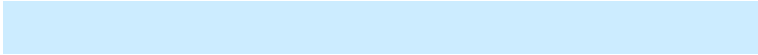
A1BF73

Sweetspot

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



51BFFE



CCECFF



51FE8E



617480



000000



808080

Same Dimension

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



51BFFE



2EB3FF



516BFE



737B80



007ABF



002940

Inverse Universe

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



FE51BF



FF2EB3



FEE451



80737B



BF007A



400029

Previews

White Background



This preview shows how the Hex color 51BFFE looks on a white background.

Color Contrast Check

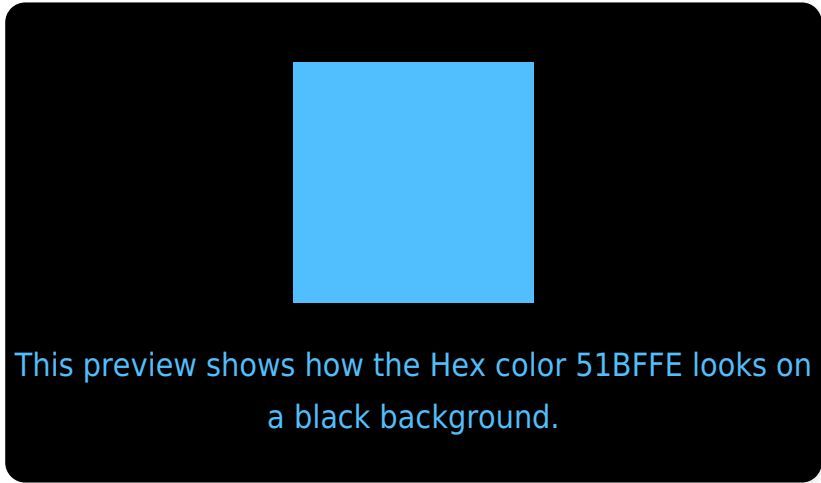
Large Text (above 18pt) WCAG AA × Fail

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

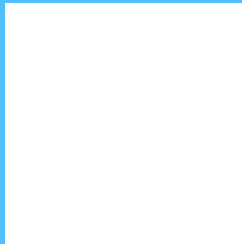
Any Text WCAG AAA ✓ Pass

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

Hex 51BFFE Background



This preview shows how black text looks on a background with the Hex color 51BFFE.

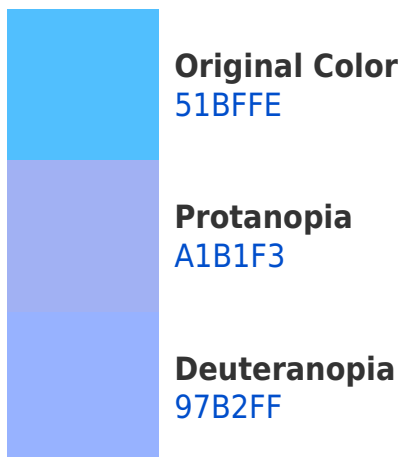


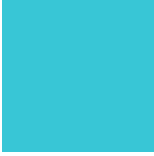
This preview shows how white text looks on a background with the Hex color 51BFFE.

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](#).

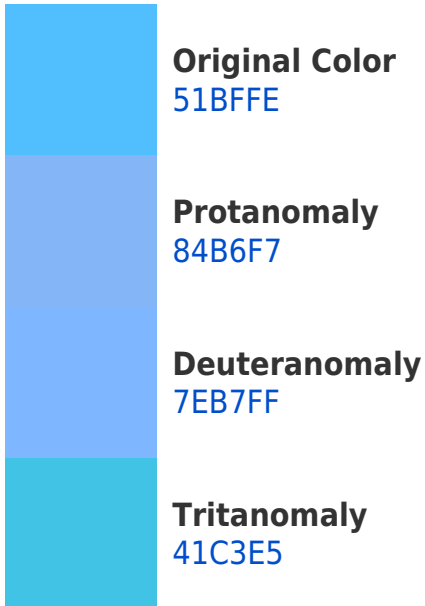
Dichromacy



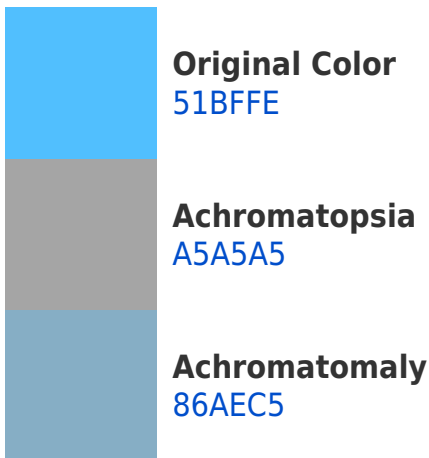


Tritanopia
38C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51BFFE 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 #51BFFE looks like.

```
.text, #text, p{  
    color:#51BFFE  
}
```

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 #51BFFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51BFFE
}
```

Border

The CSS property to change the border of an element to Hex 51BFFE 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
#51BFFE }
```

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

```
.border{ border-color:#51BFFE }
```

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

Here you see how a box with a 4 pixel #51BFFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51BFFE; -webkit-box-shadow:4px 4px  
4px 4px #51BFFE; box-shadow:4px 4px 4px  
4px #51BFFE }
```

Background

The CSS property to change the background color of an element to Hex 51BFFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51BFFE }
```

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

```
.background{ background-color:#51BFFE }
```

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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