

Converting Colors

Hex(51FBAF)

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

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Color

Hex(51FBAF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 51FBAF |
| RGB | 81, 251, 175 |
| RGB Percent | 32%, 98%, 69% |
| CMY | 0.6824, 0.0157, 0.3137 |
| CMYK | 0.68, 0.00, 0.30, 0.02 |
| HSL | 153°, 96%, 65% |
| HSV | 153°, 68%, 98% |
| XYZ | 45.6284, 73.8388, 52.4049 |
| YIQ | 191.5060, -76.9240, -59.6760 |

Conversions

Conversions Part 2

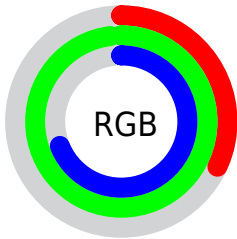
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 81, 190, 251 |
| Decimal | 5372847 |
| CIELab | 88.85, -60.42, 24.03 |
| CIELCh | 89, 65.025, 158.308 |
| Yxy | 73.8388, 0.2655, 0.4296 |
| Android (android.graphics.Color) | 4283562927 (0xFF51FBAF) |
| YUV | 191.5060, -8.1375, -96.9138 |
| Hunter-Lab | 85.9295, -55.5936, 23.9921 |

Details

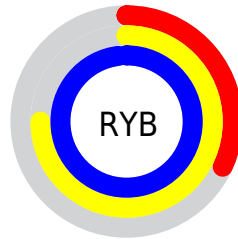
The Hex color **51FBAF** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **FB519D**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **94FFE7**, and **00C17A** is the 20% darker color. If you saturate the color by 10%, you get **38FBA4**, and if you desaturate by 10%, it is **6AFBBA**.

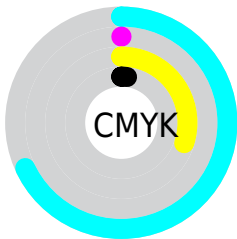
Distribution



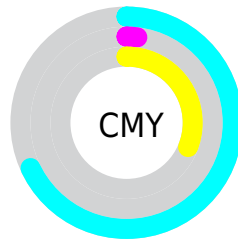
- Red (32%)
- Green (98%)
- Blue (69%)



- Red (32%)
- Yellow (75%)
- Blue (98%)



- Cyan (68%)
- Magenta (0%)
- Yellow (30%)
- Black (2%)



- Cyan (68%)
- Magenta (2%)
- Yellow (31%)

Brightness & Saturation Gradients

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

 51FBAF

FFFFFF

 94FFE7

 B3FFFF

 D2FFFF

 F1FFFF

 51FBAF


 24DE94

 00C17A

 00A561

 008A49

 006F31

 00561B

 003D03

 002500

 000000

 51FBAF

 51FBAF

 38FBA4

 6AFBBA

 1FFB99

 83FBC5

 06FB8D

 9CFBD1

 00FB8B

 B5FBDC

 CFFBE7

 E8FBF2

 FFFBFE

 FFFBFF

Harmonies

Analogous

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



B0F17A



51FBAF



00FEEF

Triad

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



51FBAF



91E0FF



FFB595

Complementary

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



51FBAF



FB519D

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.



FFAAD0



51FBAF



FAC8FF

Square

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



51FBAF



00F2FF



FFB2FF



FFCC6B

Rectangle

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



51FBAF



00DFFF



FFB2FF



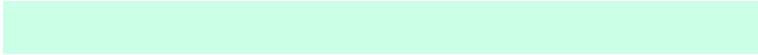
FFB0A8

Sweetspot

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



51FBAF



CCFFE8



9DFB51



618072



000000



808080

Same Dimension

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



51FBAF



30FFA3



51F3FB



707D77



00BD68



003D22

Inverse Universe

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



FB519D



FF308D



FB5A51



7D7076



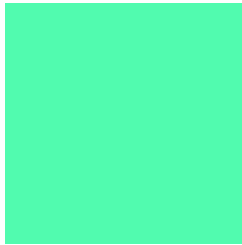
BD0054



3D001B

Previews

White Background



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

Color Contrast Check

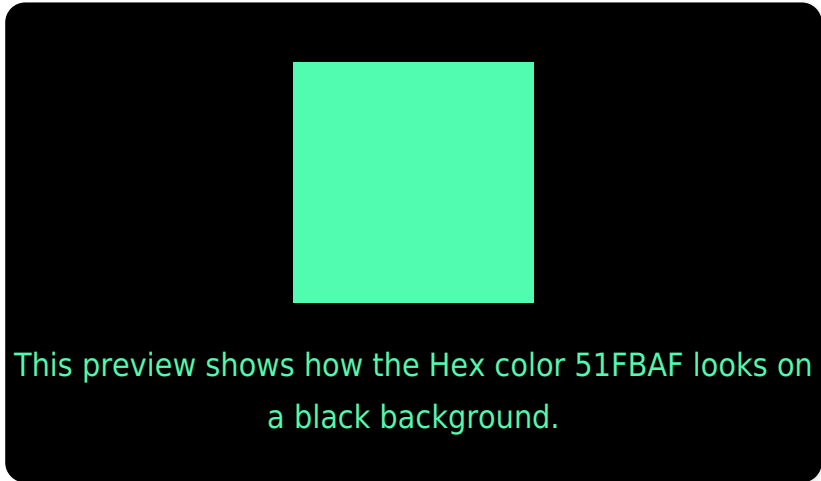
Large Text (above 18pt) WCAG AA × Fail

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

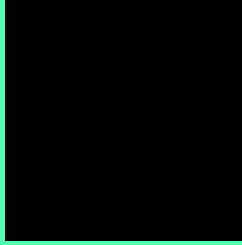
Any Text WCAG AA ✓ Pass

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 51FBAF Background



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

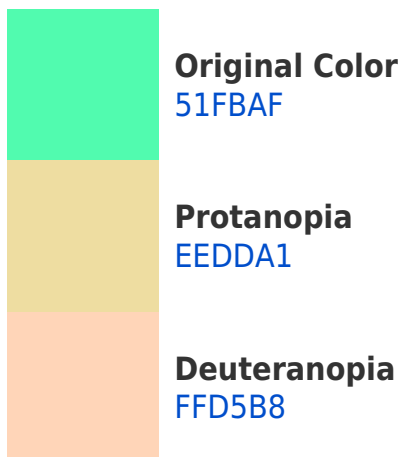


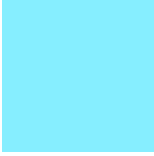
This preview shows how white text looks on a background with the Hex color 51FBAF.

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
86EEFF

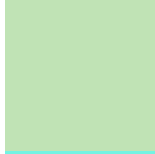
Trichromacy



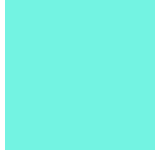
Original Color
51FBAF



Protanomaly
B5E8A6



Deuteranomaly
C0E3B5

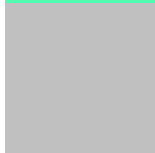


Tritanomaly
73F3E2

Monochromacy



Original Color
51FBAF



Achromatopsia
C0C0C0



Achromatomaly
98D5BA

CSS Examples

Text

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

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

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 #51FBAF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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