

# Converting Colors

Hex(51F4AB)

Have a look what the booklet for  
Hex(51F4AB) contains.

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# **Color**

**Hex(51F4AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51F4AB
RGB	81, 244, 171
RGB Percent	32%, 96%, 67%
CMY	0.6824, 0.0431, 0.3294
CMYK	0.67, 0.00, 0.30, 0.04
HSL	153°, 88%, 64%
HSV	153°, 67%, 96%
XYZ	43.0947, 69.3910, 49.6505
YIQ	186.9410, -73.7150, -57.2590

# Conversions

## Conversions Part 2

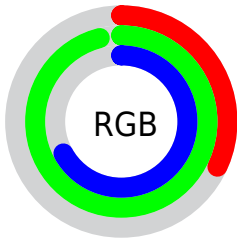
Format	Color
R <sub>Y</sub> B	81, 186, 244
Decimal	5371051
CIE Lab	86.70, -58.54, 23.12
CIE LCh	87, 62.944, 158.446
Yxy	69.3910, 0.2658, 0.4280
Android (android.graphics.Color)	4283561131 (0xFF51F4AB)
YUV	186.9410, -7.8589, -92.9103
Hunter-Lab	83.3012, -53.4328, 22.9719

# Details

The Hex color **51F4AB** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light muted spring green. A complement of this color would be **F4519A**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **93FFE3**, and **00BB76** is the 20% darker color. If you saturate the color by 10%, you get **39F4A0**, and if you desaturate by 10%, it is **69F4B6**.

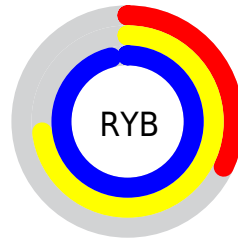
# Distribution



Red (32%)

Green (96%)

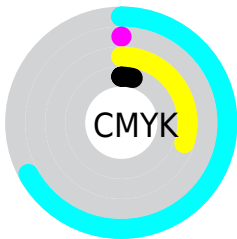
Blue (67%)



Red (32%)

Yellow (73%)

Blue (96%)

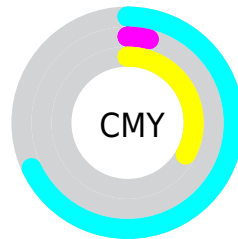


Cyan (67%)

Magenta (0%)

Yellow (30%)

Black (4%)



Cyan (68%)

Magenta (4%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 51F4AB 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 51F4AB by changing the saturation by 10% instead.



 51F4AB

 51F4AB


FFFFFF

 26D790

 93FFE3

 00BB76

 B2FFFF

 009F5D

 D1FFFF

 008445

 EFFFFFF

 00692E

 005018

 003800

 001F00

 000000

 51F4AB

 51F4AB

 39F4A0

 69F4B6

 20F495

 82F4C1

 08F48A

 9AF4CC

 00F487

 B3F4D7

 CBF4E2

 E3F4ED

 FCF4F7

 FFF4FF

# Harmonies

## Analogous

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



ACEB78



51F4AB



00F7E9

# Triad

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



51F4AB



90DAFF



FFB192

# Complementary

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



51F4AB



F4519A

# 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.



FFA6CA



51F4AB



F4C3FF

# Square

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



51F4AB



00EBFF



FFADFF



FFC669

# Rectangle

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



51F4AB



00F6FF



FFADFF



FFABA3

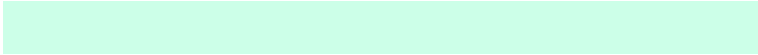


# Sweetspot

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



51F4AB



CCFFE8



9AF451



618072



000000



808080



# Same Dimension

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



51F4AB



33FFA4



51ECF4



6E7A75



00BA67



003B20



# Inverse Universe

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



F4519A



FF338E



F45951



7A6E74



BA0053

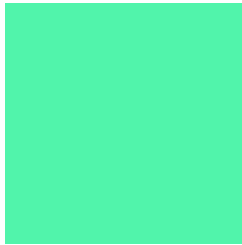


3B001A



# Previews

## White Background



This preview shows how the Hex color 51F4AB looks on a white background.

## Color Contrast Check

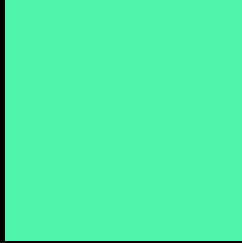
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 51F4AB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

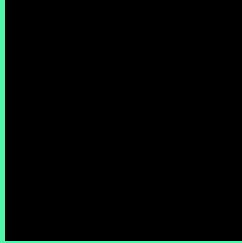
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

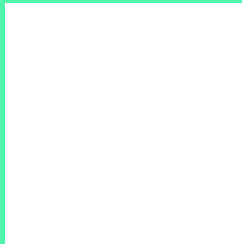
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 51F4AB Background



This preview shows how black text looks on a background with the Hex color 51F4AB.

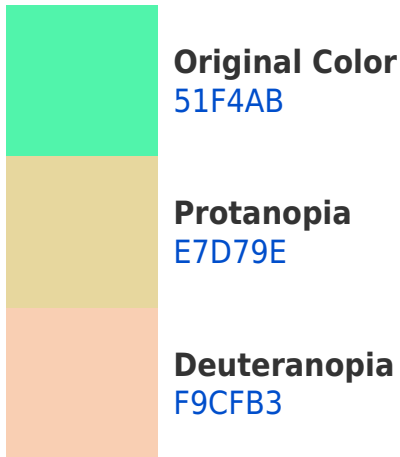


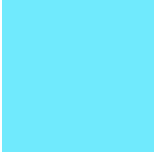
This preview shows how white text looks on a background with the Hex color 51F4AB.

# 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**  
70EAFD

# Trichromacy



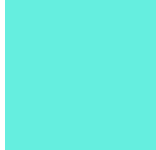
**Original Color**  
51F4AB



**Protanomaly**  
B0E2A3

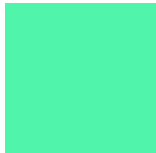


**Deuteranomaly**  
BCDCB0

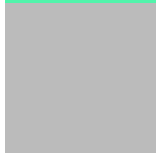


**Tritanomaly**  
65EEDF

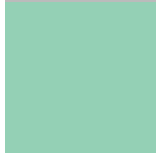
# Monochromacy



**Original Color**  
51F4AB



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
94D0B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 51F4AB 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 #51F4AB looks like.

```
.text, #text, p{  
    color:#51F4AB  
}
```

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 #51F4AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51F4AB  
}
```

## Border

The CSS property to change the border of an element to Hex 51F4AB 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  
#51F4AB }
```

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

```
.border{ border-color:#51F4AB }
```

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

Here you see how a box with a 4 pixel #51F4AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51F4AB; -webkit-box-shadow:4px 4px  
4px 4px #51F4AB; box-shadow:4px 4px 4px  
4px #51F4AB }
```

# Background

The CSS property to change the background color of an element to Hex 51F4AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51F4AB }
```

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

```
.background{ background-color:#51F4AB }
```

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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