

Converting Colors

Hex(51F3AA)

Have a look what the booklet for
Hex(51F3AA) contains.

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Color

Hex(51F3AA)

Conversions

Conversions Part 1

Format	Color
Hex	51F3AA
RGB	81, 243, 170
RGB Percent	32%, 95%, 67%
CMY	0.6824, 0.0471, 0.3333
CMYK	0.67, 0.00, 0.30, 0.05
HSL	153°, 87%, 64%
HSV	153°, 67%, 95%
XYZ	42.6996, 68.7528, 49.0503
YIQ	186.2400, -73.1190, -57.0470

Conversions

Conversions Part 2

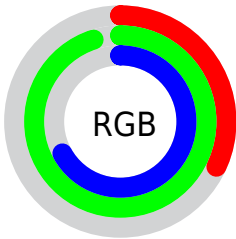
Format	Color
RYB	81, 186, 243
Decimal	5370794
CIELab	86.38, -58.36, 23.20
CIElCh	86, 62.802, 158.318
Yxy	68.7528, 0.2660, 0.4284
Android (android.graphics.Color)	4283560874 (0xFF51F3AA)
YUV	186.2400, -8.0063, -92.2955
Hunter-Lab	82.9173, -53.1838, 22.9687

Details

The Hex color **51F3AA** 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 **F3519A**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **93FFE2**, and **00BA75** is the 20% darker color. If you saturate the color by 10%, you get **39F39F**, and if you desaturate by 10%, it is **69F3B5**.

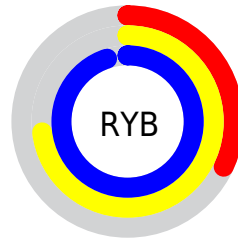
Distribution



Red (32%)

Green (95%)

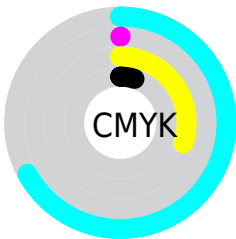
Blue (67%)



Red (32%)

Yellow (73%)

Blue (95%)

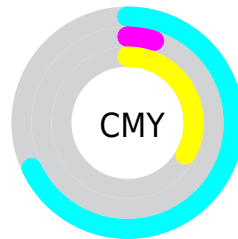


Cyan (67%)

Magenta (0%)

Yellow (30%)

Black (5%)



Cyan (68%)

Magenta (5%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51F3AA 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 51F3AA by changing the saturation by 10% instead.

 51F3AA

 51F3AA

FFFFFF

 26D68F


 93FFE2

 00BA75

 B1FFFE

 009E5C

 D0FFFF

 008344

 EFFFFFF

 00692D

 004F17

 003700

 001E00

 000000

 51F3AA

 51F3AA

 39F39F

 69F3B5

 20F394

 82F3C0

 08F389

 9AF3CB

 00F386

 B2F3D6

 CBF3E1

 E3F3EC

 FBF3F7

 FFF3FF

Harmonies

Analogous

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



ABEA77



51F3AA



00F6E7

Triad

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



51F3AA



8ED9FF



FFB091

Complementary

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



51F3AA



F3519A

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.



FFA5CA



51F3AA



F2C2FF

Square

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



51F3AA



00EAFF



FFADFF



FFC568

Rectangle

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



51F3AA



00F5FF



FFADFF



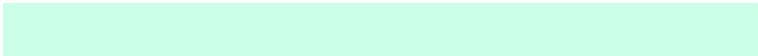
FFABA3

Sweetspot

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



51F3AA



CCFFE8



9DF351



618072



000000



808080

Same Dimension

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



51F3AA



33FFA3



51EEF3



6E7A75



00BA66



003B20

Inverse Universe

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



F3519A



FF338F



F35651



7A6E74



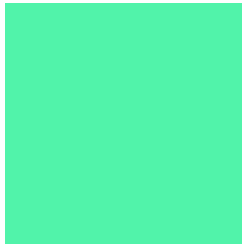
BA0054



3B001A

Previews

White Background



This preview shows how the Hex color 51F3AA 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 51F3AA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

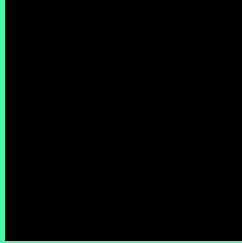
Any Text WCAG AA ✓ Pass

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 51F3AA Background



This preview shows how black text looks on a background with the Hex color 51F3AA.

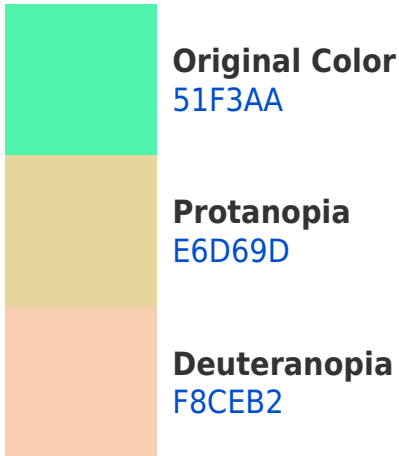


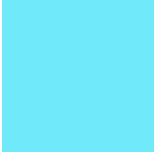
This preview shows how white text looks on a background with the Hex color 51F3AA.

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
70E9FB

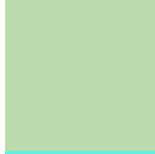
Trichromacy



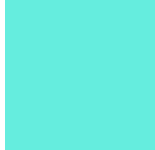
Original Color
51F3AA



Protanomaly
B0E1A2



Deuteranomaly
BBDBAF



Tritanomaly
65EDDE

Monochromacy



Original Color
51F3AA



Achromatopsia
BABABA



Achromatomaly
94CFB4

CSS Examples

Text

The CSS property to change the color of the text to Hex 51F3AA 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 #51F3AA looks like.

```
.text, #text, p{  
    color:#51F3AA  
}
```

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 #51F3AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51F3AA
}
```

Border

The CSS property to change the border of an element to Hex 51F3AA 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
#51F3AA }
```

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

```
.border{ border-color:#51F3AA }
```

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

Here you see how a box with a 4 pixel #51F3AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51F3AA; -webkit-box-shadow:4px 4px  
4px 4px #51F3AA; box-shadow:4px 4px 4px  
4px #51F3AA }
```

Background

The CSS property to change the background color of an element to Hex 51F3AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51F3AA }
```

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

```
.background{ background-color:#51F3AA }
```

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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