

Converting Colors

Hex(55F3AB)

Have a look what the booklet for
Hex(55F3AB) contains.

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Color

Hex(55F3AB)

Conversions

Conversions Part 1

Format	Color
Hex	55F3AB
RGB	85, 243, 171
RGB Percent	33%, 95%, 67%
CMY	0.6667, 0.0471, 0.3294
CMYK	0.65, 0.00, 0.30, 0.05
HSL	153°, 87%, 64%
HSV	153°, 65%, 95%
XYZ	43.1476, 68.9728, 49.5670
YIQ	187.5500, -71.0560, -55.8880

Conversions

Conversions Part 2

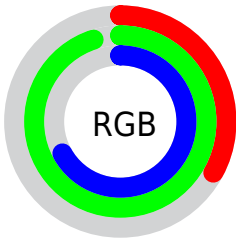
Format	Color
RYB	85, 187, 243
Decimal	5632939
CIELab	86.49, -57.49, 22.85
CIElCh	86, 61.870, 158.322
Yxy	68.9728, 0.2669, 0.4266
Android (android.graphics.Color)	4283823019 (0xFF55F3AB)
YUV	187.5500, -8.1591, -89.9363
Hunter-Lab	83.0498, -52.5996, 22.7485

Details

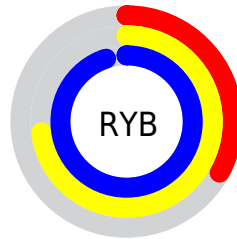
The Hex color **55F3AB** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **F3559D**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **96FFE3**, and **00BA76** is the 20% darker color. If you saturate the color by 10%, you get **3DF3A0**, and if you desaturate by 10%, it is **6DF3B6**.

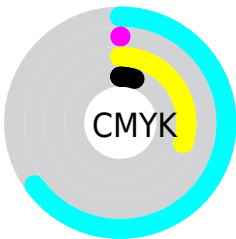
Distribution



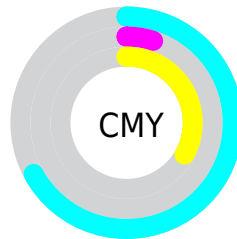
- Red (33%)
- Green (95%)
- Blue (67%)



- Red (33%)
- Yellow (73%)
- Blue (95%)



- Cyan (65%)
- Magenta (0%)
- Yellow (30%)
- Black (5%)



- Cyan (67%)
- Magenta (5%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55F3AB 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 55F3AB by changing the saturation by 10% instead.

 55F3AB

FFFFFF

 96FFE3

 B4FFFF

 D3FFFF

 F2FFFF

 55F3AB

 2DD690

 00BA76

 009E5D

 008345

 00692E

 004F18

 003700

 001F00

 000000

 55F3AB

 55F3AB

 3DF3A0

 6DF3B6

 24F395

 86F3C1

 0CF38A

 9EF3CC

 00F384

 B6F3D7

 CEF3E2

 E7F3ED

 FFF3F9

 FFF3FF

Harmonies

Analogous

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



ACEA79



55F3AB



00F6E8

Triad

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



55F3AB



91D9FF



FFB193

Complementary

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



55F3AB



F3559D

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



55F3AB



F2C3FF

Square

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



55F3AB



00EAFB



FFAEFF



FFC66A

Rectangle

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



55F3AB



00F5FF



FFAEFF



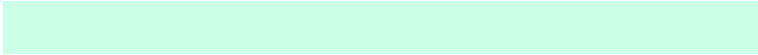
FFACA4

Sweetspot

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



55F3AB



CCFFE8



9FF355



618072



000000



808080

Same Dimension

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



55F3AB



38FFA4



55EEF3



6E7A75



00BA65



003B20

Inverse Universe

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



F3559D



FF3893



F35A55



7A6E74



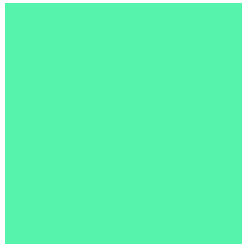
BA0055



3B001B

Previews

White Background



This preview shows how the Hex color 55F3AB looks on a white background.

Color Contrast Check

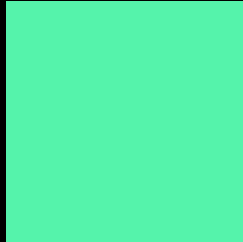
Large Text (above 18pt) WCAG AA × Fail

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 55F3AB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

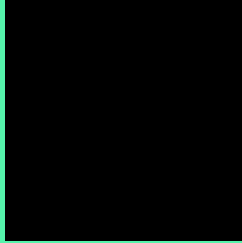
Any Text WCAG AA ✓ Pass

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 55F3AB Background



This preview shows how black text looks on a background with the Hex color 55F3AB.

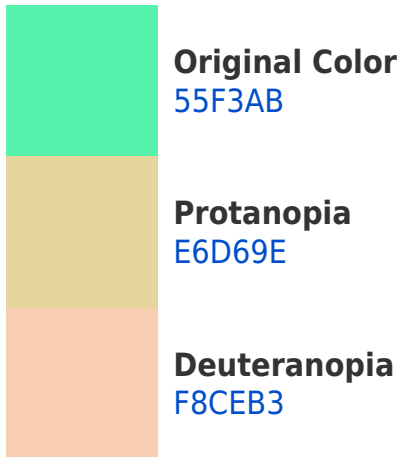


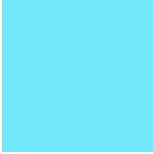
This preview shows how white text looks on a background with the Hex color 55F3AB.

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
72E9FC

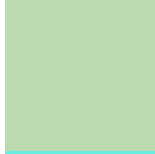
Trichromacy



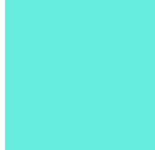
Original Color
55F3AB



Protanomaly
B1E1A3



Deuteranomaly
BDDBB0

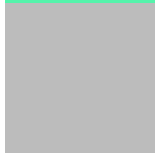


Tritanomaly
67EDDF

Monochromacy



Original Color
55F3AB



Achromatopsia
BCBCBC



Achromatomaly
97D0B6

CSS Examples

Text

The CSS property to change the color of the text to Hex 55F3AB 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 #55F3AB looks like.

```
.text, #text, p{  
    color:#55F3AB  
}
```

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 #55F3AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55F3AB
}
```

Border

The CSS property to change the border of an element to Hex 55F3AB 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
#55F3AB }
```

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

```
.border{ border-color:#55F3AB }
```

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

Here you see how a box with a 4 pixel #55F3AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55F3AB; -webkit-box-shadow:4px 4px  
4px 4px #55F3AB; box-shadow:4px 4px 4px  
4px #55F3AB }
```

Background

The CSS property to change the background color of an element to Hex 55F3AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55F3AB }
```

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

```
.background{ background-color:#55F3AB }
```

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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