

Converting Colors

Hex(51FBDA)

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

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Color

Hex(51FBDA)

Conversions

Conversions Part 1

Format	Color
Hex	51FBDA
RGB	81, 251, 218
RGB Percent	32%, 98%, 85%
CMY	0.6824, 0.0157, 0.1451
CMYK	0.68, 0.00, 0.13, 0.02
HSL	168°, 96%, 65%
HSV	168°, 68%, 98%
XYZ	50.5454, 75.8056, 78.2976
YIQ	196.4080, -90.7270, -46.3030

Conversions

Conversions Part 2

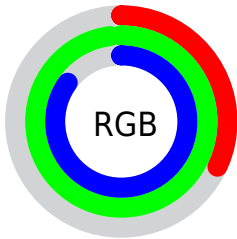
Format	Color
RYB	81, 175, 251
Decimal	5372890
CIELab	89.77, -50.81, 3.18
CIELCh	90, 50.911, 176.420
Yxy	75.8056, 0.2470, 0.3704
Android (android.graphics.Color)	4283562970 (0xFF51FBDA)
YUV	196.4080, 10.6449, -101.2128
Hunter-Lab	87.0664, -48.7402, 7.6279

Details

The Hex color **51FBDA** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **FB5172**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **95FFFF**, and **00C2A3** is the 20% darker color. If you saturate the color by 10%, you get **38FBD5**, and if you desaturate by 10%, it is **6AFBDF**.

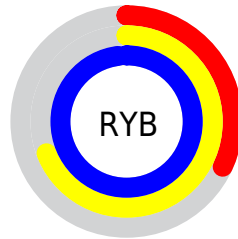
Distribution



Red (32%)

Green (98%)

Blue (85%)



Red (32%)

Yellow (69%)

Blue (98%)

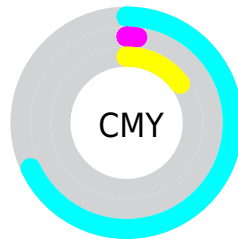


Cyan (68%)

Magenta (0%)

Yellow (13%)

Black (2%)



Cyan (68%)

Magenta (2%)

Yellow (15%)

Brightness & Saturation Gradients


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

 51FBDA

 51FBDA

FFFFFF

 21DEBE

 95FFFF

 00C2A3

 B5FFFF

 00A689

 D4FFFF

 008B70

 F3FFFF

 007057

 005740

 003E2A

 002816

 000000


 51FBDA

 51FBDA

 38FBD5

 6AFBDF

 1FFBD0

 83FBE4

 06FBCB

 9CFBE9

 00FBCA

 B5FBED

 CFFBF2

 E8FBF7

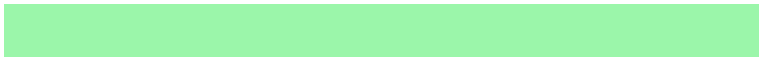
 FFFBFC

 FFFBFF

Harmonies

Analogous

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



9BF6AA



51FBDA



00FBFF

Triad

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



51FBDA



DED7FF



FFCC92

Complementary

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



51FBDA



FB5172

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.



FFBEB9



51FBDA



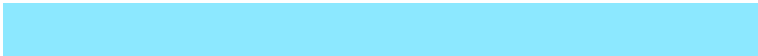
FFC6FF

Square

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



51FBDA



8CE8FF



FFBBEA



FFDD7F

Rectangle

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



51FBDA



00F7FF



FFBBEA



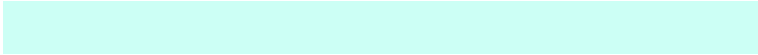
FFC69D

Sweetspot

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



51FBDA



CCFFF5



73FB51



61807A



000000



808080

Same Dimension

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



51FBDA



30FFD7



51C8FB



707D7B



00BD98



003D31

Inverse Universe

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



FB5172



FF3059



FB8451



7D7073



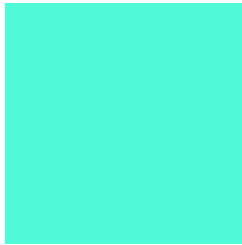
BD0025



3D000C

Previews

White Background



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

Color Contrast Check

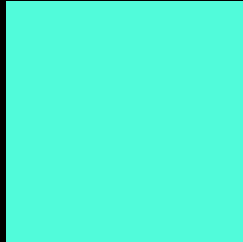
Large Text (above 18pt) WCAG AA × Fail

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 51FBDA 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 51FBDA Background



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

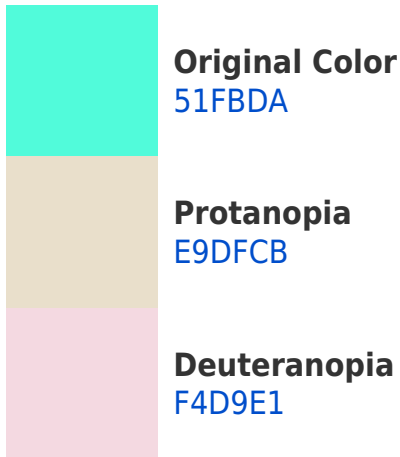


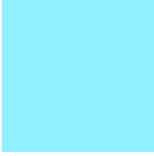
This preview shows how white text looks on a background with the Hex color 51FBDA.

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](#).

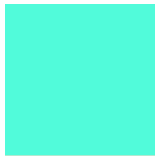
Dichromacy



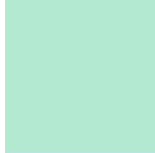


Tritanopia
90F0FF

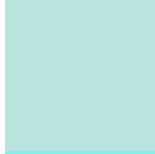
Trichromacy



Original Color
51FBDA



Protanomaly
B2E9D0



Deuteranomaly
B9E5DE

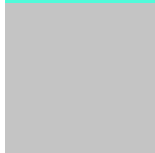


Tritanomaly
79F4F2

Monochromacy



Original Color
51FBDA



Achromatopsia
C4C4C4



Achromatomaly
9AD8CC

CSS Examples

Text

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

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

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 #51FBDA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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