

Converting Colors

Hex(51F3C3)

Have a look what the booklet for
Hex(51F3C3) contains.

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Color

Hex(51F3C3)

Conversions

Conversions Part 1

Format	Color
Hex	51F3C3
RGB	81, 243, 195
RGB Percent	32%, 95%, 76%
CMY	0.6824, 0.0471, 0.2353
CMYK	0.67, 0.00, 0.20, 0.05
HSL	162°, 87%, 64%
HSV	162°, 67%, 95%
XYZ	45.2943, 69.7906, 62.7134
YIQ	189.0900, -81.1440, -49.2720

Conversions

Conversions Part 2

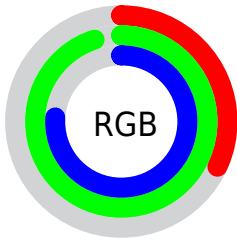
Format	Color
RYB	81, 176, 243
Decimal	5370819
CIELab	86.89, -52.96, 11.00
CIELCh	87, 54.094, 168.267
Yxy	69.7906, 0.2548, 0.3925
Android (android.graphics.Color)	4283560899 (0xFF51F3C3)
YUV	189.0900, 2.9136, -94.7949
Hunter-Lab	83.5408, -49.4170, 13.9700

Details

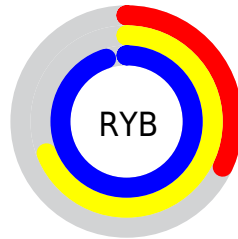
The Hex color **51F3C3** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **F35181**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **93FFFC**, and **00BA8D** is the 20% darker color. If you saturate the color by 10%, you get **39F3BC**, and if you desaturate by 10%, it is **69F3CA**.

Distribution



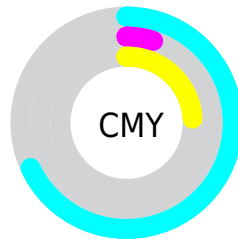
- Red (32%)
- Green (95%)
- Blue (76%)



- Red (32%)
- Yellow (69%)
- Blue (95%)



- Cyan (67%)
- Magenta (0%)
- Yellow (20%)
- Black (5%)



- Cyan (68%)
- Magenta (5%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51F3C3 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 51F3C3 by changing the saturation by 10% instead.

 51F3C3

 51F3C3

FFFFFF

 25D6A8

 93FFFC

 00BA8D

 B2FFFF

 009E74

 D1FFFF

 00835B

 F0FFFF

 006944

 00502D

 003718

 002000

 000000

 51F3C3

 51F3C3

 39F3BC

 69F3CA

 20F3B5

 82F3D1

 08F3AD

 9AF3D9

 00F3AB

 B2F3E0

 CBF3E7

 E3F3EE

 FBF3F5

 FFF3FD

 FFF3FF

Harmonies

Analogous

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



A0EC93



51F3C3



00F4F8

Triad

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



51F3C3



BFD4FF



FFBD8F

Complementary

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



51F3C3



F35181

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.



FFB1BC



51F3C3



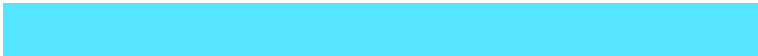
FFC0FF

Square

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



51F3C3



55E5FF



FFB2F0



FFD074

Rectangle

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



51F3C3



00F2FF



FFB2F0



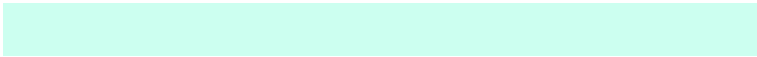
FFB89D

Sweetspot

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



51F3C3



CCFFF0



82F351



618076



000000



808080

Same Dimension

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



51F3C3



33FFC3



51D3F3



6E7A77



00BA83



003B29

Inverse Universe

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



F35181



FF336F



F37151



7A6E72



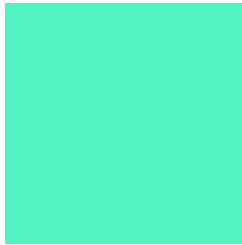
BA0037



3B0011

Previews

White Background



This preview shows how the Hex color 51F3C3 looks on a white background.

Color Contrast Check

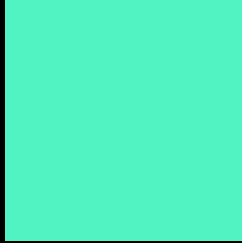
Large Text (above 18pt) WCAG AA × Fail

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 51F3C3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

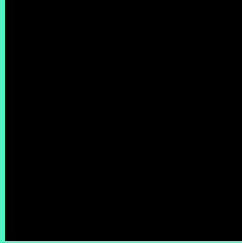
Any Text WCAG AA ✓ Pass

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 51F3C3 Background



This preview shows how black text looks on a background with the Hex color 51F3C3.

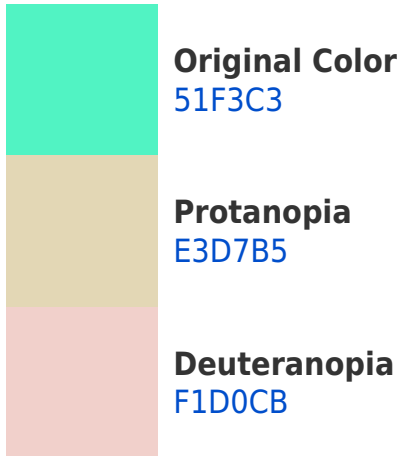


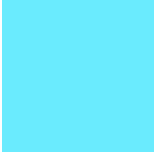
This preview shows how white text looks on a background with the Hex color 51F3C3.

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



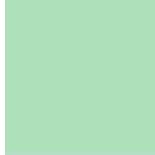


Tritanopia
6AEBFE

Trichromacy



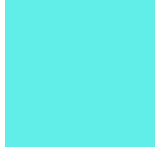
Original Color
51F3C3



Protanomaly
AEE1BA



Deuteranomaly
B7DDC8



Tritanomaly
61EEE9

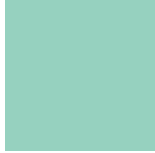
Monochromacy



Original Color
51F3C3



Achromatopsia
BDBDBD



Achromatomaly
96D1BF

CSS Examples

Text

The CSS property to change the color of the text to Hex 51F3C3 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 #51F3C3 looks like.

```
.text, #text, p{  
    color:#51F3C3  
}
```

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 #51F3C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51F3C3
}
```

Border

The CSS property to change the border of an element to Hex 51F3C3 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
#51F3C3 }
```

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

```
.border{ border-color:#51F3C3 }
```

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

Here you see how a box with a 4 pixel #51F3C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51F3C3; -webkit-box-shadow:4px 4px  
4px 4px #51F3C3; box-shadow:4px 4px 4px  
4px #51F3C3 }
```

Background

The CSS property to change the background color of an element to Hex 51F3C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51F3C3 }
```

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

```
.background{ background-color:#51F3C3 }
```

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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