

# Converting Colors

Hex(51F8F4)

Have a look what the booklet for  
Hex(51F8F4) contains.

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# **Color**

**Hex(51F8F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51F8F4
RGB	81, 248, 244
RGB Percent	32%, 97%, 96%
CMY	0.6824, 0.0275, 0.0431
CMYK	0.67, 0.00, 0.02, 0.03
HSL	179°, 92%, 65%
HSV	179°, 67%, 97%
XYZ	53.2899, 75.4158, 97.3360
YIQ	197.6110, -98.2480, -36.6480

# Conversions

## Conversions Part 2

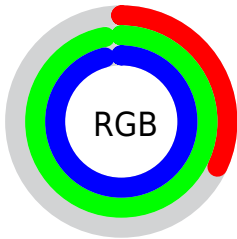
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 166, 248
Decimal	5372148
CIE <sub>Lab</sub>	89.59, -42.83, -10.62
CIE <sub>LCh</sub>	90, 44.122, 193.924
Yxy	75.4158, 0.2358, 0.3336
Android (android.graphics.Color)	4283562228 (0xFF51F8F4)
YUV	197.6110, 22.8698, -102.2678
Hunter-Lab	86.8423, -42.4392, -5.6648

# Details

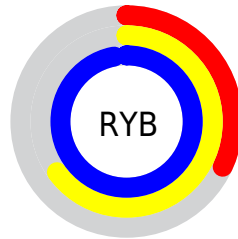
The Hex color **51F8F4** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **F85155**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **96FFFF**, and **00BFBC** is the 20% darker color. If you saturate the color by 10%, you get **38F8F3**, and if you desaturate by 10%, it is **6AF8F5**.

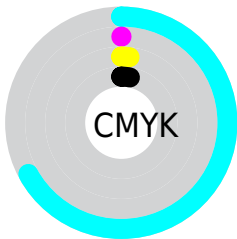
# Distribution



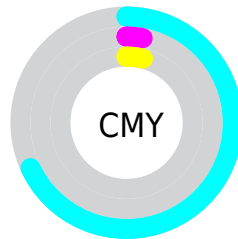
- Red (32%)
- Green (97%)
- Blue (96%)



- Red (32%)
- Yellow (65%)
- Blue (97%)



- Cyan (67%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (68%)
- Magenta (3%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 51F8F4 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 51F8F4 by changing the saturation by 10% instead.



 51F8F4

 51F8F4

FFFFFF

 1FDBD8

 96FFFF

 00BFBC

 B6FFFF

 00A3A1

 D6FFFF

 008887

 F5FFFF

 006E6D

 005555

 003D3E

 002828

 000115

 51F8F4

 51F8F4

 38F8F3

 6AF8F5

 1FF8F3

 83F8F5

 07F8F2

 9BF8F6

 00F8F2

 B4F8F6

 CDF8F7

 E6F8F8

 FFF8F8

 FFF8F9

# Harmonies

## Analogous

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



87F6C8



51F8F4



44F5FF

# Triad

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



51F8F4



FFCFFF



FFD791

# Complementary

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



51F8F4



F85155

# 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.



FFC9A9



51F8F4



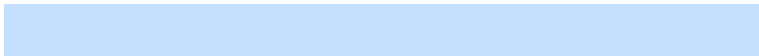
FFC3FA

# Square

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



51F8F4



C5DFFF



FFC1CF



EAE58E

# Rectangle

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



51F8F4



69EFFF



FFC1CF



FFD296



# Sweetspot

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



51F8F4



CCFFFE



57F851



61807F



000000



808080



# Same Dimension

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



51F8F4



30FFFA



51AAF8



707D7D



00BDB8



003D3C



# Inverse Universe

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



F85155



FF3035



F89F51



7D7071



BD0005

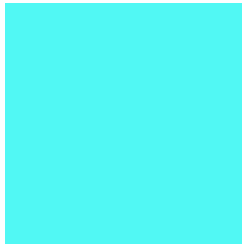


3D0001



# Previews

## White Background



This preview shows how the Hex color 51F8F4 looks on a white background.

## Color Contrast Check

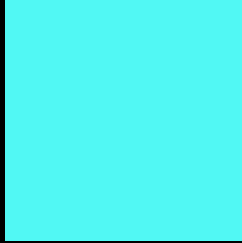
Large Text (above 18pt) WCAG AA × Fail

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 51F8F4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

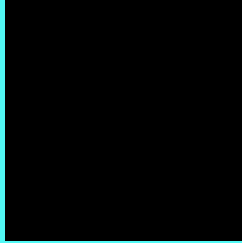
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 51F8F4 Background



This preview shows how black text looks on a background with the Hex color 51F8F4.

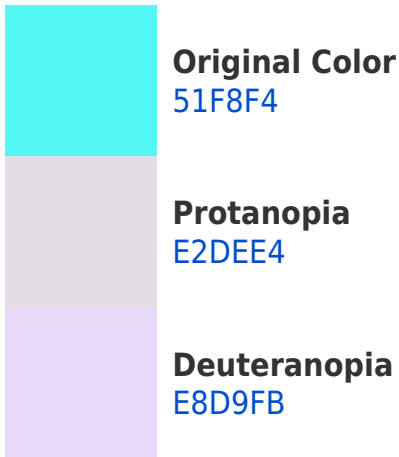


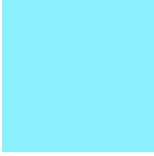
This preview shows how white text looks on a background with the Hex color 51F8F4.

# 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](#).

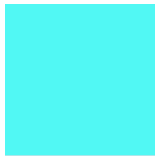
## Dichromacy





**Tritanopia**  
8CF0FF

# Trichromacy



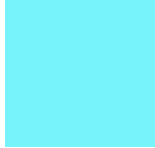
**Original Color**  
51F8F4



**Protanomaly**  
ADE7EA



**Deuteranomaly**  
B1E4F8

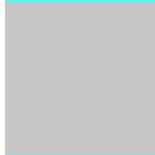


**Tritanomaly**  
77F3FB

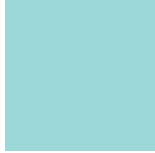
# Monochromacy



**Original Color**  
51F8F4



**Achromatopsia**  
C6C6C6



**Achromatomaly**  
9BD8D7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 51F8F4 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 #51F8F4 looks like.

```
.text, #text, p{  
    color:#51F8F4  
}
```

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 #51F8F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51F8F4
}
```

## Border

The CSS property to change the border of an element to Hex 51F8F4 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
#51F8F4 }
```

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

```
.border{ border-color:#51F8F4 }
```

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

Here you see how a box with a 4 pixel #51F8F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51F8F4; -webkit-box-shadow:4px 4px  
4px 4px #51F8F4; box-shadow:4px 4px 4px  
4px #51F8F4 }
```

# Background

The CSS property to change the background color of an element to Hex 51F8F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51F8F4 }
```

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

```
.background{ background-color:#51F8F4 }
```

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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