

Converting Colors

Hex(54FDF1)

Have a look what the booklet for
Hex(54FDF1) contains.

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Color

Hex(54FDF1)

Conversions

Conversions Part 1

Format	Color
Hex	54FDF1
RGB	84, 253, 241
RGB Percent	33%, 99%, 95%
CMY	0.6706, 0.0078, 0.0549
CMYK	0.67, 0.00, 0.05, 0.01
HSL	176°, 98%, 66%
HSV	176°, 67%, 99%
XYZ	54.6586, 78.4863, 95.4876
YIQ	201.1010, -96.8720, -39.5600

Conversions

Conversions Part 2

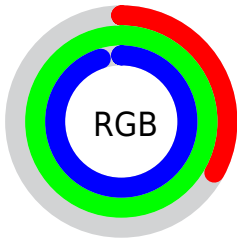
Format	Color
RYB	84, 172, 253
Decimal	5570033
CIELab	91.00, -45.42, -6.95
CIElCh	91, 45.949, 188.702
Yxy	78.4863, 0.2391, 0.3433
Android (android.graphics.Color)	4283760113 (0xFF54FDF1)
YUV	201.1010, 19.6702, -102.6976
Hunter-Lab	88.5925, -44.9082, -1.8898

Details

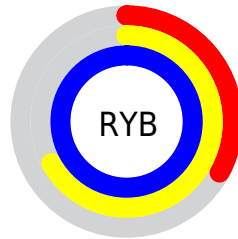
The Hex color **54DFD1** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light muted cyan. A complement of this color would be **FD5460**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **99FFFF**, and **00C4B9** is the 20% darker color. If you saturate the color by 10%, you get **3BFDEF**, and if you desaturate by 10%, it is **6DFDF3**.

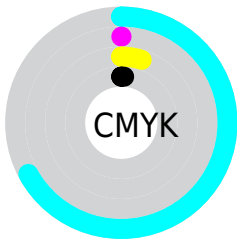
Distribution



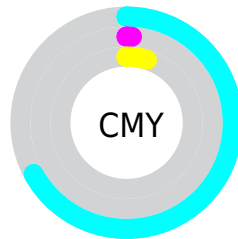
- Red (33%)
- Green (99%)
- Blue (95%)



- Red (33%)
- Yellow (67%)
- Blue (99%)



- Cyan (67%)
- Magenta (0%)
- Yellow (5%)
- Black (1%)



- Cyan (67%)
- Magenta (1%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54FDF1 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 54FDF1 by changing the saturation by 10% instead.

 54FDF1

FFFFFF

 99FFFF

 B9FFFF

 D8FFFF

 F8FFFF

 54FDF1

 24E0D5

 00C4B9

 00A89E

 008D84

 00736B

 005953

 00403C

 002B26

 000812

 54FDF1

 54FDF1

 3BFDEF

 6DFDF3

 21FDED

 87FDF5

 08FDEC

 A0FDF6

 00FDEB

 B9FDF8

 D3FDFA

 ECFDFC

 FFFDFE

 FFFDFF

Harmonies

Analogous

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



90FAC4



54FDF1



32FAFF

Triad

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



54FDF1



FBD5FF



FFD894

Complementary

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



54DFD1



FD5460

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.



FFCAB0



54DFD1



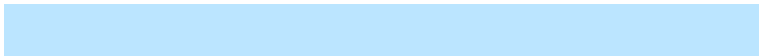
FFC8FF

Square

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



54FDF1



BBE5FF



FFC3DA



F6E78D

Rectangle

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



54DFD1



57F6FF



FFC3DA



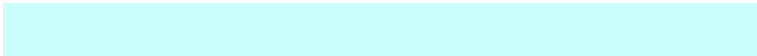
FFD39B

Sweetspot

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



54DFD1



CCFFFB



62FD54



61807D



000000



808080

Same Dimension

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



54DFD1



33FFF1



54B7FD



73807F



00BFB2



00403B

Inverse Universe

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



FD5460



FF3341



FD9A54



807374



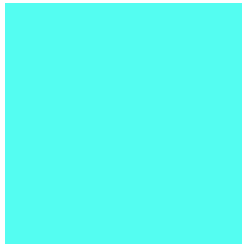
BF000E



400005

Previews

White Background



This preview shows how the Hex color 54FDF1 looks on a white background.

Color Contrast Check

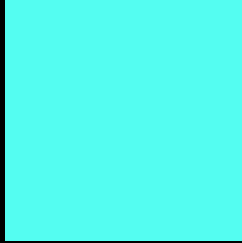
Large Text (above 18pt) WCAG AA × Fail

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 54FDF1 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 54FDF1 Background



This preview shows how black text looks on a background with the Hex color 54FDF1.

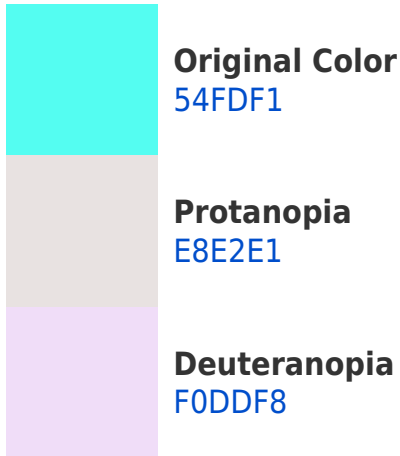


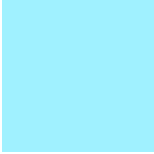
This preview shows how white text looks on a background with the Hex color 54FDF1.

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
A0F1FF

Trichromacy



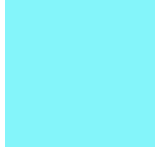
Original Color
54FDF1



Protanomaly
B2ECE7



Deuteranomaly
B7E9F5

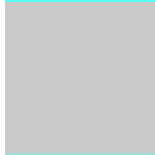


Tritanomaly
84F5FA

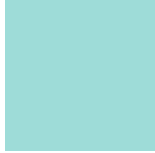
Monochromacy



Original Color
54FDF1



Achromatopsia
C9C9C9



Achromatomaly
9EDCD8

CSS Examples

Text

The CSS property to change the color of the text to Hex 54FDF1 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 #54FDF1 looks like.

```
.text, #text, p{  
    color:#54FDF1  
}
```

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 #54FDF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54FDF1  
}
```

Border

The CSS property to change the border of an element to Hex 54FDF1 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  
#54FDF1 }
```

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

```
.border{ border-color:#54FDF1 }
```

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

Here you see how a box with a 4 pixel #54FDF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54FDF1; -webkit-box-shadow:4px 4px  
4px 4px #54FDF1; box-shadow:4px 4px 4px  
4px #54FDF1 }
```

Background

The CSS property to change the background color of an element to Hex 54FDF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54FDF1 }
```

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

```
.background{ background-color:#54FDF1 }
```

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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