

Converting Colors

Hex(5FD3FA)

Have a look what the booklet for
Hex(5FD3FA) contains.

Hex(5FD3FA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5FD3FA)

Conversions

Conversions Part 1

Format	Color
Hex	5FD3FA
RGB	95, 211, 250
RGB Percent	37%, 83%, 98%
CMY	0.6275, 0.1725, 0.0196
CMYK	0.62, 0.16, 0.00, 0.02
HSL	195°, 94%, 68%
HSV	195°, 62%, 98%
XYZ	45.2689, 55.9236, 98.8509
YIQ	180.7620, -81.6550, -12.4630

Conversions

Conversions Part 2

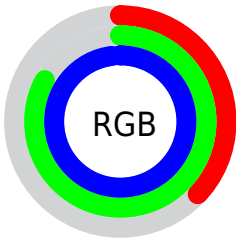
Format	Color
R _Y B	95, 161, 250
Decimal	6280186
CIE Lab	79.57, -21.47, -28.88
CIE LCh	80, 35.987, 233.376
Yxy	55.9236, 0.2263, 0.2796
Android (android.graphics.Color)	4284470266 (0xFF5FD3FA)
YUV	180.7620, 34.1343, -75.2133
Hunter-Lab	74.7821, -22.8146, -26.0252

Details

The Hex color **5FD3FA** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **FA865F**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **9EFFFF**, and **009CC1** is the 20% darker color. If you saturate the color by 10%, you get **46CDFA**, and if you desaturate by 10%, it is **78D9FA**.

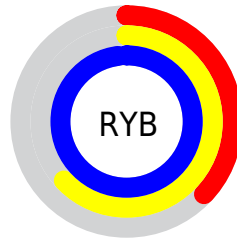
Distribution



Red (37%)

Green (83%)

Blue (98%)



Red (37%)

Yellow (63%)

Blue (98%)

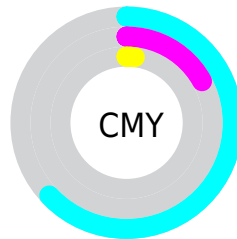


Cyan (62%)

Magenta (16%)

Yellow (0%)

Black (2%)



Cyan (63%)

Magenta (17%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FD3FA 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 5FD3FA by changing the saturation by 10% instead.

 5FD3FA

 5FD3FA

FFFFFF

 3BB7DD

 9EFFFF

 009CC1

 BDFFFF

 0082A6

 DBFFFF

 00698C

 FAFFFF

 005172

 003959

 002442

 00032C

 000116

■ 5FD3FA

■ 5FD3FA

■ 46CDFA

■ 78D9FA

■ 2DC6FA

■ 91E0FA

■ 14C0FA

■ AAE6FA

■ 00BBFA

■ C3ECFA

■ DCF2FA

■ F5F9FA

■ FFFFA

Harmonies

Analogous

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



55D7DF



5FD3FA



8CCBFF

Triad

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



5FD3FA



FFACCE



C1CB87

Complementary

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



5FD3FA



FA865F

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.



E3C183



5FD3FA



FFADAC

Square

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



5FD3FA



E9B4EE



FCB591



9BD39C

Rectangle

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



5FD3FA



AFC3FF



FCB591



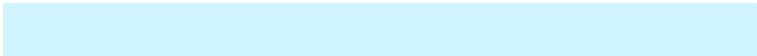
CDC883

Sweetspot

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



5FD3FA



CFF3FF



5FFA86



627880



000000



808080

Same Dimension

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



5FD3FA



42D0FF



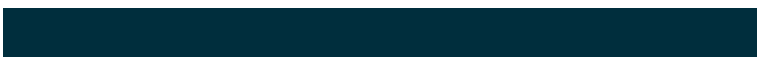
5F86FA



707A7D



008DBD



002E3D

Inverse Universe

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



FA5FD3



FF42D0



FAD35F



7D707A



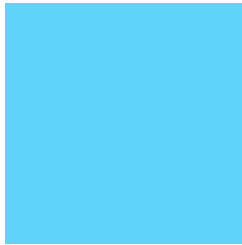
BD008D



3D002E

Previews

White Background



This preview shows how the Hex color 5FD3FA looks on a white background.

Color Contrast Check

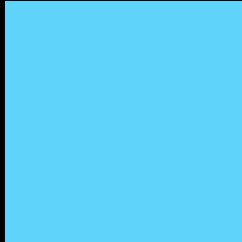
Large Text (above 18pt) WCAG AA × Fail

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 5FD3FA 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 5FD3FA Background



This preview shows how black text looks on a background with the Hex color 5FD3FA.

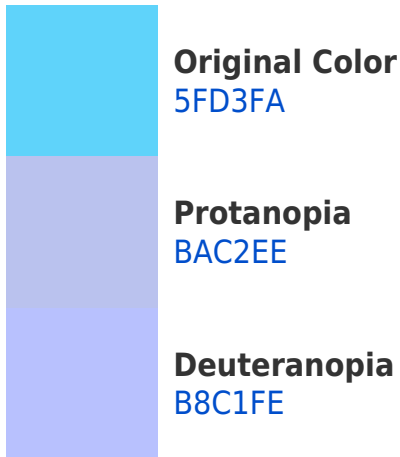


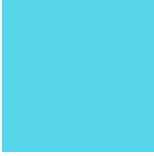
This preview shows how white text looks on a background with the Hex color 5FD3FA.

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](#).

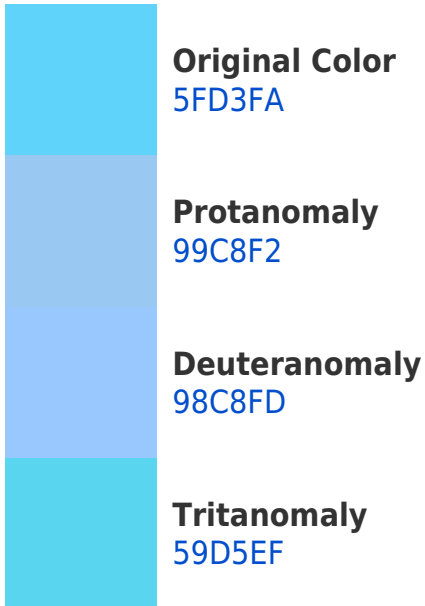
Dichromacy



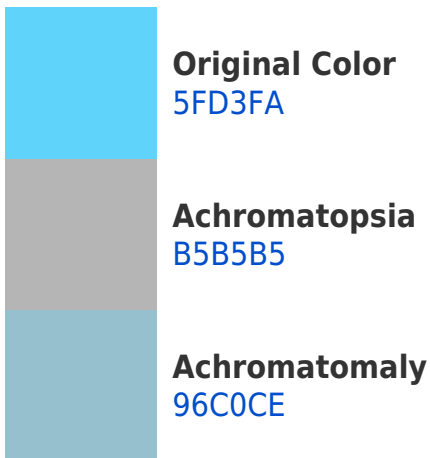


Tritanopia
56D6E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FD3FA 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 #5FD3FA looks like.

```
.text, #text, p{  
    color:#5FD3FA  
}
```

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 #5FD3FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FD3FA
}
```

Border

The CSS property to change the border of an element to Hex 5FD3FA 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
#5FD3FA }
```

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

```
.border{ border-color:#5FD3FA }
```

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

Here you see how a box with a 4 pixel #5FD3FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FD3FA; -webkit-box-shadow:4px 4px  
4px 4px #5FD3FA; box-shadow:4px 4px 4px  
4px #5FD3FA }
```

Background

The CSS property to change the background color of an element to Hex 5FD3FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FD3FA }
```

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

```
.background{ background-color:#5FD3FA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor