

Converting Colors

Hex(5DD4FA)

Have a look what the booklet for
Hex(5DD4FA) contains.

Hex(5DD4FA)	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(5DD4FA)

Conversions

Conversions Part 1

Format	Color
Hex	5DD4FA
RGB	93, 212, 250
RGB Percent	36%, 83%, 98%
CMY	0.6353, 0.1686, 0.0196
CMYK	0.63, 0.15, 0.00, 0.02
HSL	195°, 94%, 67%
HSV	195°, 63%, 98%
XYZ	45.3130, 56.3163, 98.9244
YIQ	180.7510, -83.1220, -13.4100

Conversions

Conversions Part 2

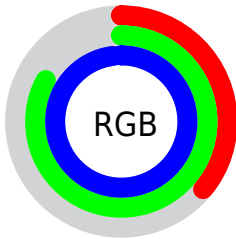
Format	Color
R_{YB}	93, 161, 250
Decimal	6149370
CIE _{Lab}	79.79, -22.30, -28.55
CIE _{LCh}	80, 36.226, 231.998
Yxy	56.3163, 0.2259, 0.2808
Android (android.graphics.Color)	4284339450 (0xFF5DD4FA)
YUV	180.7510, 34.1398, -76.9576
Hunter-Lab	75.0442, -23.5458, -25.6261

Details

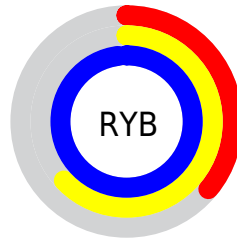
The Hex color **5DD4FA** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **FA835D**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **9DFFFF**, and **009DC1** is the 20% darker color. If you saturate the color by 10%, you get **44CEFA**, and if you desaturate by 10%, it is **76DAFA**.

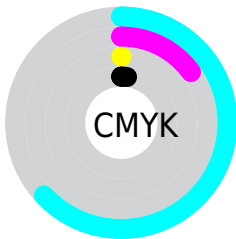
Distribution



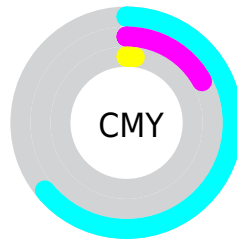
- Red (36%)
- Green (83%)
- Blue (98%)



- Red (36%)
- Yellow (63%)
- Blue (98%)



- Cyan (63%)
- Magenta (15%)
- Yellow (0%)
- Black (2%)



- Cyan (64%)
- Magenta (17%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DD4FA 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 5DD4FA by changing the saturation by 10% instead.

 5DD4FA

 5DD4FA

FFFFFF

 38B8DD

 9DFFFF

 009DC1

 BBFFFF

 0083A6

 DAFFFF

 006A8C

 F9FFFF

 005172

 003A59

 002542

 00032C

 000116

■ 5DD4FA

■ 5DD4FA

■ 44CEFA

■ 76DAFA

■ 2BC8FA

■ 8FE0FA

■ 12C2FA

■ A8E6FA

■ 00BDFA

■ C1ECFA

■ DAF2FA

■ F3F8FA

■ FFFEFA

■ FFFFFA

Harmonies

Analogous

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



55D8DE



5DD4FA



8ACCFE

Triad

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



5DD4FA



FFADD0



C4CB86

Complementary

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



5DD4FA



FA835D

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.



E5C183



5DD4FA



FFADAE

Square

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



5DD4FA



E8B5F0



FEB592



9DD39B

Rectangle

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



5DD4FA



ADC4FF



FEB592



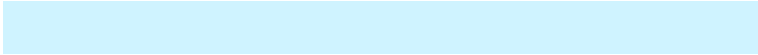
D0C883

Sweetspot

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



5DD4FA



CFF3FF



5DFA82



627880



000000



808080

Same Dimension

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



5DD4FA



40D1FF



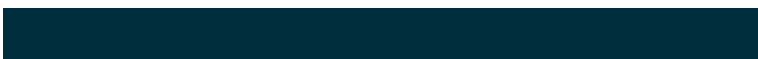
5D87FA



707A7D



008FBD



002E3D

Inverse Universe

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



FA5DD4



FF40D1



FAD05D



7D707A



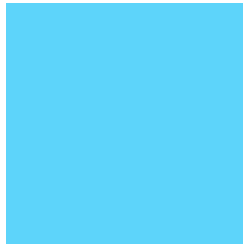
BD008F



3D002E

Previews

White Background



This preview shows how the Hex color 5DD4FA looks on a white background.

Color Contrast Check

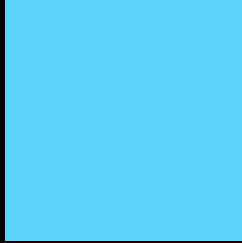
Large Text (above 18pt) WCAG AA × Fail

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 5DD4FA 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 5DD4FA Background



This preview shows how black text looks on a background with the Hex color 5DD4FA.

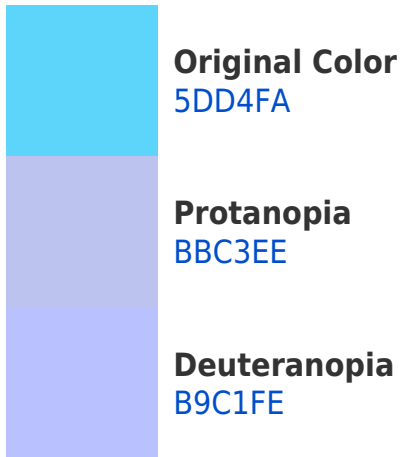


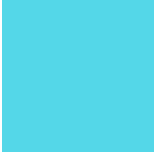
This preview shows how white text looks on a background with the Hex color 5DD4FA.

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](#).

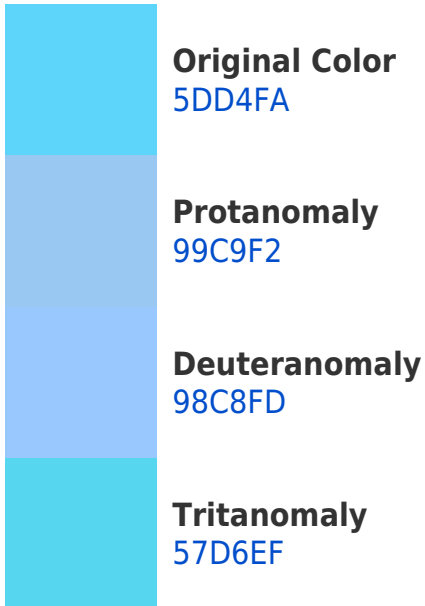
Dichromacy



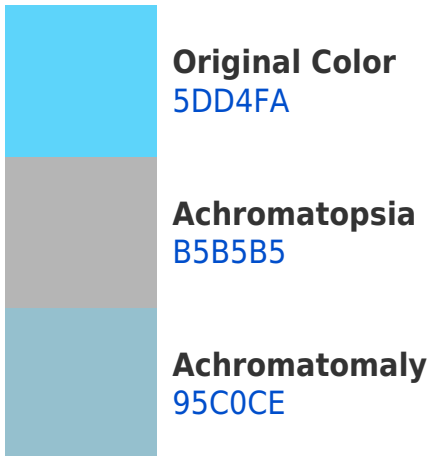


Tritanopia
54D7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DD4FA 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 #5DD4FA looks like.

```
.text, #text, p{  
    color:#5DD4FA  
}
```

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 #5DD4FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DD4FA
}
```

Border

The CSS property to change the border of an element to Hex 5DD4FA 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
#5DD4FA }
```

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

```
.border{ border-color:#5DD4FA }
```

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

Here you see how a box with a 4 pixel #5DD4FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DD4FA; -webkit-box-shadow:4px 4px  
4px 4px #5DD4FA; box-shadow:4px 4px 4px  
4px #5DD4FA }
```

Background

The CSS property to change the background color of an element to Hex 5DD4FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DD4FA }
```

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

```
.background{ background-color:#5DD4FA }
```

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