

Converting Colors

Hex(5DD8F9)

Have a look what the booklet for
Hex(5DD8F9) contains.

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Color

Hex(5DD8F9)

Conversions

Conversions Part 1

Format	Color
Hex	5DD8F9
RGB	93, 216, 249
RGB Percent	36%, 85%, 98%
CMY	0.6353, 0.1529, 0.0235
CMYK	0.63, 0.13, 0.00, 0.02
HSL	193°, 93%, 67%
HSV	193°, 63%, 98%
XYZ	46.1690, 58.2784, 98.4380
YIQ	182.9850, -83.9010, -15.8130

Conversions

Conversions Part 2

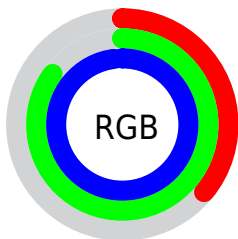
Format	Color
RYB	93, 162, 249
Decimal	6150393
CIELab	80.89, -24.60, -26.33
CIElCh	81, 36.035, 226.946
Yxy	58.2784, 0.2276, 0.2872
Android (android.graphics.Color)	4284340473 (0xFF5DD8F9)
YUV	182.9850, 32.5454, -78.9168
Hunter-Lab	76.3403, -25.6427, -23.0141

Details

The Hex color **5DD8F9** 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 **F97E5D**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **9DFFFF**, and **00A1C0** is the 20% darker color. If you saturate the color by 10%, you get **44D3F9**, and if you desaturate by 10%, it is **76DDF9**.

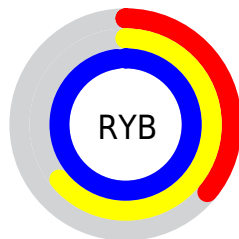
Distribution



Red (36%)

Green (85%)

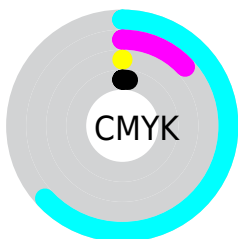
Blue (98%)



Red (36%)

Yellow (64%)

Blue (98%)

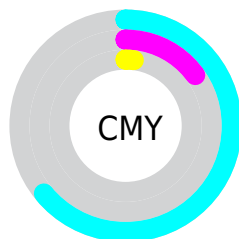


Cyan (63%)

Magenta (13%)

Yellow (0%)

Black (2%)



Cyan (64%)

Magenta (15%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DD8F9 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 5DD8F9 by changing the saturation by 10% instead.

 5DD8F9

 5DD8F9

FFFFFF

 38BCDC

 9DFFFF

 00A1C0

 BCFFFF

 0087A5

 DAFFFF

 006D8B

 F9FFFF

 005471

 003D59

 002741

 00092B

 000116

■ 5DD8F9

■ 5DD8F9

■ 44D3F9

■ 76DDF9

■ 2BCDF9

■ 8FE3F9

■ 12C8F9

■ A8E8F9

■ 00C4F9

■ C1EDF9

■ DAF2F9

■ F2F8F9

■ FFFDF9

■ FFFFF9

Harmonies

Analogous

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



5DDBDB



5DD8F9



85D0FF

Triad

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



5DD8F9



FFB1D9



CDCD88

Complementary

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



5DD8F9



F97E5D

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.



EDC288



5DD8F9



FFB0B7

Square

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



5DD8F9



E5BAF7



FFB799



A7D59A

Rectangle

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



5DD8F9



A8C9FF



FFB799



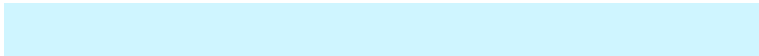
D8C986

Sweetspot

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



5DD8F9



CFF5FF



5DF97C



627980



000000



808080

Same Dimension

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



5DD8F9



40D7FF



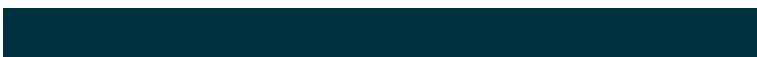
5D8CF9



707A7D



0095BD



00303D

Inverse Universe

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



F95DD8



FF40D7



F9CA5D



7D707A



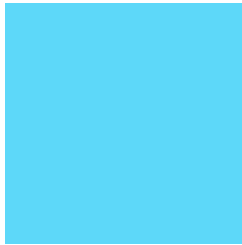
BD0095



3D0030

Previews

White Background



This preview shows how the Hex color 5DD8F9 looks on a white background.

Color Contrast Check

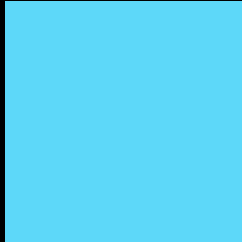
Large Text (above 18pt) WCAG AA × Fail

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 5DD8F9 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 5DD8F9 Background



This preview shows how black text looks on a background with the Hex color 5DD8F9.

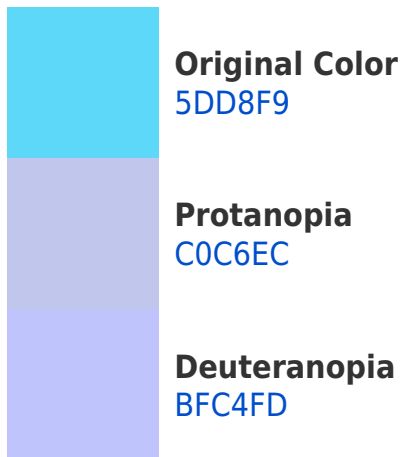


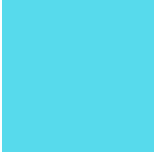
This preview shows how white text looks on a background with the Hex color 5DD8F9.

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](#).

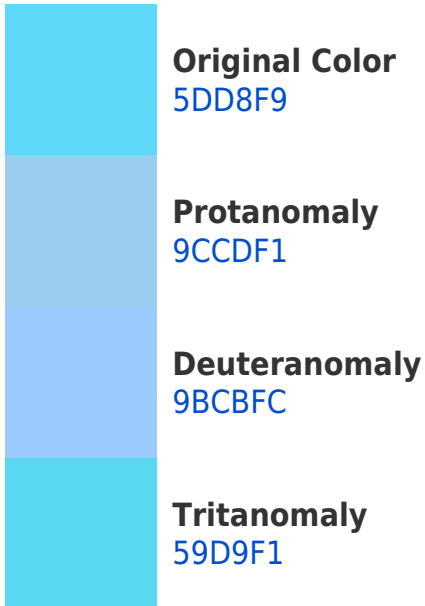
Dichromacy





Tritanopia
57DAEC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DD8F9 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 #5DD8F9 looks like.

```
.text, #text, p{  
    color:#5DD8F9  
}
```

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 #5DD8F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DD8F9
}
```

Border

The CSS property to change the border of an element to Hex 5DD8F9 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
#5DD8F9 }
```

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

```
.border{ border-color:#5DD8F9 }
```

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

Here you see how a box with a 4 pixel #5DD8F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DD8F9; -webkit-box-shadow:4px 4px  
4px 4px #5DD8F9; box-shadow:4px 4px 4px  
4px #5DD8F9 }
```

Background

The CSS property to change the background color of an element to Hex 5DD8F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DD8F9 }
```

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

```
.background{ background-color:#5DD8F9 }
```

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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