

Converting Colors

Hex(39D8F9)

Have a look what the booklet for
Hex(39D8F9) contains.

Hex(39D8F9)	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(39D8F9)

Conversions

Conversions Part 1

Format	Color
Hex	39D8F9
RGB	57, 216, 249
RGB Percent	22%, 85%, 98%
CMY	0.7765, 0.1529, 0.0235
CMYK	0.77, 0.13, 0.00, 0.02
HSL	190°, 94%, 60%
HSV	190°, 77%, 98%
XYZ	43.3421, 56.8211, 98.3057
YIQ	172.2210, -105.3570, -23.4450

Conversions

Conversions Part 2

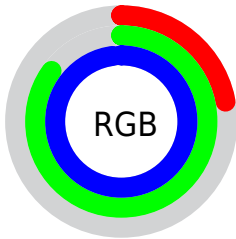
Format	Color
R _Y B	57, 144, 249
Decimal	3791097
CIE Lab	80.08, -29.28, -27.65
CIE LCh	80, 40.272, 223.358
Yxy	56.8211, 0.2184, 0.2863
Android (android.graphics.Color)	4281981177 (0xFF39D8F9)
YUV	172.2210, 37.8520, -101.0488
Hunter-Lab	75.3798, -29.2802, -24.5565

Details

The Hex color **39D8F9** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **F95A39**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **85FFFF**, and **00A1C0** is the 20% darker color. If you saturate the color by 10%, you get **20D4F9**, and if you desaturate by 10%, it is **52DCF9**.

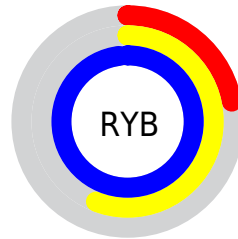
Distribution



Red (22%)

Green (85%)

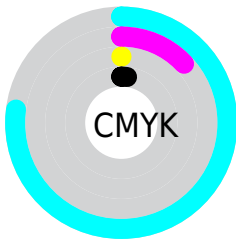
Blue (98%)



Red (22%)

Yellow (56%)

Blue (98%)

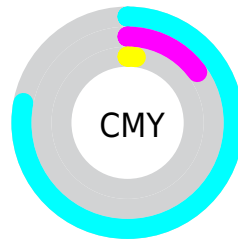


Cyan (77%)

Magenta (13%)

Yellow (0%)

Black (2%)



Cyan (78%)

Magenta (15%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39D8F9 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 39D8F9 by changing the saturation by 10% instead.

 39D8F9

 39D8F9

FFFFFF

 00BCDC

 85FFFF

 00A1C0

 A5FFFF

 0086A5

 C5FFFF

 006D8B

 E5FFFF

 005471

 003C59

 002741

 00042B

 000116

■ 39D8F9

■ 39D8F9

■ 20D4F9

■ 52DCF9

■ 07CFF9

■ 6BE1F9

■ 00CEF9

■ 84E5F9

■ 9DE9F9

■ B5EDF9

■ CEF2F9

■ E7F6F9

■ FFFAF9

■ FFFFF9

Harmonies

Analogous

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



46DBD7



39D8F9



6ED0FF

Triad

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



39D8F9



FFACDD



CFCA7C

Complementary

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



39D8F9



F95A39

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.



F2BD7F



39D8F9



FFAAB7

Square

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



39D8F9



E0B7FD



FFB195



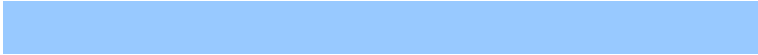
A5D38F

Rectangle

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



39D8F9



98C9FF



FFB195



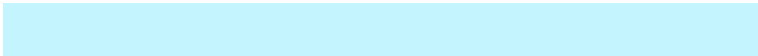
DCC67B

Sweetspot

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



39D8F9



C4F5FF



39F959



5C7980



000000



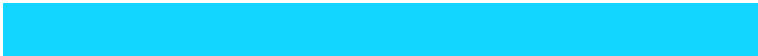
808080

Same Dimension

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



39D8F9



12D6FF



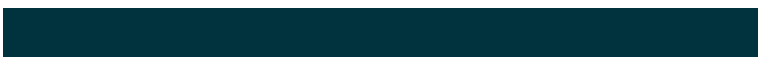
3979F9



707B7D



009CBD



00333D

Inverse Universe

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



F939D8



FF12D6



F9B939



7D707B



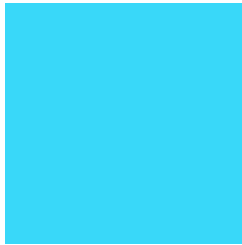
BD009C



3D0033

Previews

White Background



This preview shows how the Hex color 39D8F9 looks on a white background.

Color Contrast Check

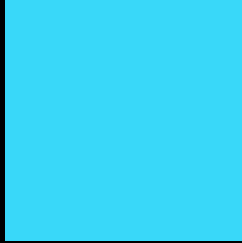
Large Text (above 18pt) WCAG AA × Fail

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 39D8F9 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 39D8F9 Background



This preview shows how black text looks on a background with the Hex color 39D8F9.

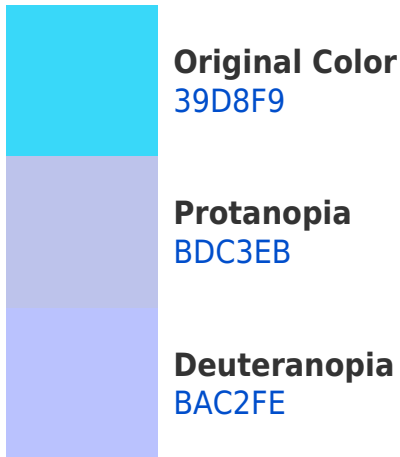


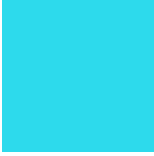
This preview shows how white text looks on a background with the Hex color 39D8F9.

Color Blindness Simulation

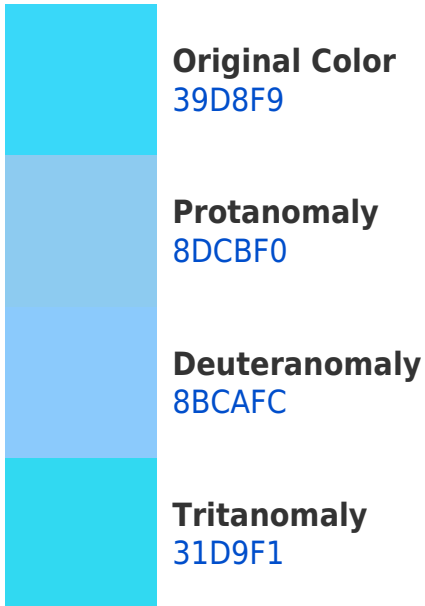
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

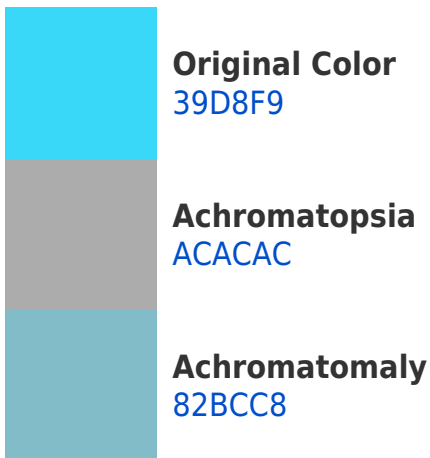




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 39D8F9 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 #39D8F9 looks like.

```
.text, #text, p{  
    color:#39D8F9  
}
```

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 #39D8F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39D8F9
}
```

Border

The CSS property to change the border of an element to Hex 39D8F9 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
#39D8F9 }
```

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

```
.border{ border-color:#39D8F9 }
```

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

Here you see how a box with a 4 pixel #39D8F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39D8F9; -webkit-box-shadow:4px 4px  
4px 4px #39D8F9; box-shadow:4px 4px 4px  
4px #39D8F9 }
```

Background

The CSS property to change the background color of an element to Hex 39D8F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39D8F9 }
```

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

```
.background{ background-color:#39D8F9 }
```

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