

Converting Colors

Hex(39D3FF)

Have a look what the booklet for
Hex(39D3FF) contains.

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Color

Hex(39D3FF)

Conversions

Conversions Part 1

Format	Color
Hex	39D3FF
RGB	57, 211, 255
RGB Percent	22%, 83%, 100%
CMY	0.7765, 0.1725, 0.0000
CMYK	0.78, 0.17, 0.00, 0.00
HSL	193°, 100%, 61%
HSV	193°, 78%, 100%
XYZ	43.0316, 54.6784, 102.8937
YIQ	169.9700, -105.9080, -18.9640

Conversions

Conversions Part 2

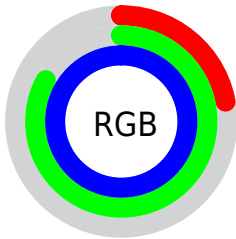
Format	Color
RYB	57, 144, 255
Decimal	3789823
CIELab	78.86, -24.93, -32.72
CIELCh	79, 41.134, 232.695
Yxy	54.6784, 0.2145, 0.2726
Android (android.graphics.Color)	4281979903 (0xFF39D3FF)
YUV	169.9700, 41.9198, -99.0747
Hunter-Lab	73.9448, -25.5268, -30.7402

Details

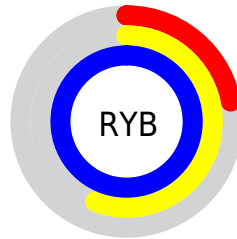
The Hex color **39D3FF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF6539**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **85FFFF**, and **009CC6** is the 20% darker color. If you saturate the color by 10%, you get **1FCDFF**, and if you desaturate by 10%, it is **52D9FF**.

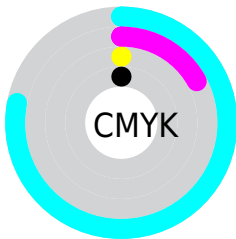
Distribution



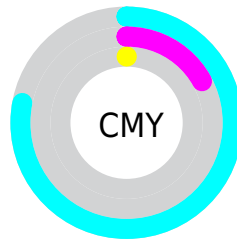
- Red (22%)
- Green (83%)
- Blue (100%)



- Red (22%)
- Yellow (56%)
- Blue (100%)



- Cyan (78%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (78%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39D3FF 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 39D3FF by changing the saturation by 10% instead.

 39D3FF

 39D3FF

FFFFFF

 00B7E2

 85FFFF

 009CC6

 A6FFFF

 0082AB

 C6FFFF

 006990

 E5FFFF

 005076

 00395D

 002445

 00042F

 000119

 39D3FF

 39D3FF

 1FCDFE

 52D9FF

 06C8FF

 6CDEFF

 00C6FF

 85E4FF

 9FEAFF

 B8EFFF

 D2F5FF

 EBF8FF

FFFFFF

Harmonies

Analogous

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



2CD7DF



39D3FF



7CCAFF

Triad

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



39D3FF



FFA6CE



BFCA7B

Complementary

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



39D3FF



FF6539

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.



E5BE77



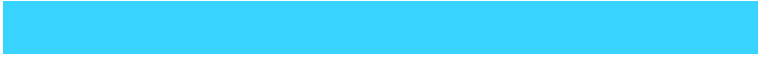
39D3FF



FFA7A8

Square

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



39D3FF



EBAFF2



FFB188



93D394

Rectangle

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



39D3FF



A7C1FF



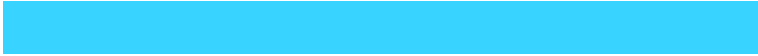
FFB188



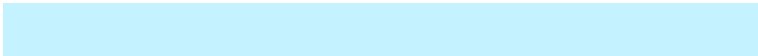
CCC677

Sweetspot

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



39D3FF



C4F2FF



39FF64



5C7880



000000



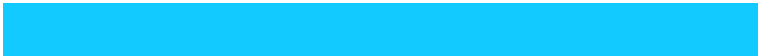
808080

Same Dimension

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



39D3FF



12CAFF



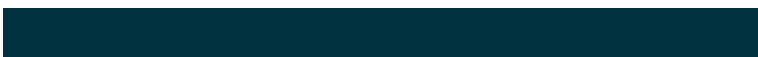
3971FF



737D80



0095BF



003240

Inverse Universe

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



FF39D3



FF12CA



FFC739



80737D



BF0095



400032

Previews

White Background



This preview shows how the Hex color 39D3FF looks on a white background.

Color Contrast Check

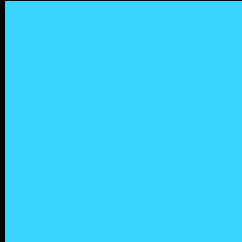
Large Text (above 18pt) WCAG AA × Fail

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 39D3FF 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 39D3FF Background



This preview shows how black text looks on a background with the Hex color 39D3FF.



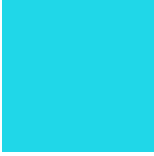
This preview shows how white text looks on a background with the Hex color 39D3FF.

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
20D7E8

Trichromacy



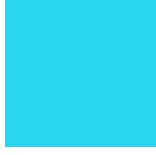
Original Color
39D3FF



Protanomaly
89C7F6



Deuteranomaly
85C6FF

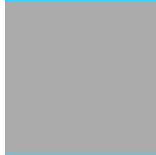


Tritanomaly
29D6F0

Monochromacy



Original Color
39D3FF



Achromatopsia
AAAAAA



Achromatomaly
81B9C9

CSS Examples

Text

The CSS property to change the color of the text to Hex 39D3FF 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 #39D3FF looks like.

```
.text, #text, p{  
  color:#39D3FF  
}
```

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 #39D3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39D3FF
}
```

Border

The CSS property to change the border of an element to Hex 39D3FF 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
#39D3FF }
```

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

```
.border{ border-color:#39D3FF }
```

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

Here you see how a box with a 4 pixel #39D3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39D3FF; -webkit-box-shadow:4px 4px  
4px 4px #39D3FF; box-shadow:4px 4px 4px  
4px #39D3FF }
```

Background

The CSS property to change the background color of an element to Hex 39D3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39D3FF }
```

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

```
.background{ background-color:#39D3FF }
```

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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