

Converting Colors

Hex(339FD9)

Have a look what the booklet for
Hex(339FD9) contains.

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Color

Hex(339FD9)

Conversions

Conversions Part 1

Format	Color
Hex	339FD9
RGB	51, 159, 217
RGB Percent	20%, 62%, 85%
CMY	0.8000, 0.3765, 0.1490
CMYK	0.76, 0.27, 0.00, 0.15
HSL	201°, 69%, 53%
HSV	201°, 76%, 85%
XYZ	26.2878, 30.5098, 70.1491
YIQ	133.3200, -82.9860, -4.8580

Conversions

Conversions Part 2

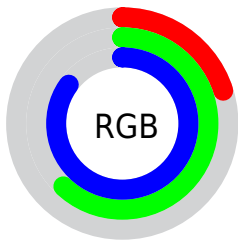
Format	Color
RYB	51, 116, 217
Decimal	3383257
CIELab	62.09, -10.83, -38.10
CIELCh	62, 39.606, 254.125
Yxy	30.5098, 0.2071, 0.2403
Android (android.graphics.Color)	4281573337 (0xFF339FD9)
YUV	133.3200, 41.2542, -72.1946
Hunter-Lab	55.2357, -11.7108, -36.6331

Details

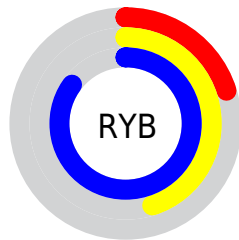
The Hex color **339FD9** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **D96D33**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **79D6FF**, and **006CA2** is the 20% darker color. If you saturate the color by 10%, you get **1D97D9**, and if you desaturate by 10%, it is **49A7D9**.

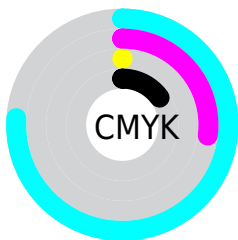
Distribution



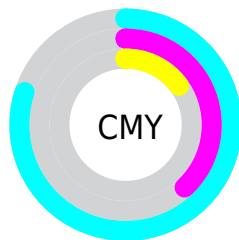
- Red (20%)
- Green (62%)
- Blue (85%)



- Red (20%)
- Yellow (45%)
- Blue (85%)



- Cyan (76%)
- Magenta (27%)
- Yellow (0%)
- Black (15%)



- Cyan (80%)
- Magenta (38%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 339FD9 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 339FD9 by changing the saturation by 10% instead.

 339FD9

 339FD9

FFFFFF

 0085BD

 79D6FF

 006CA2

 97F2FF

 005487

 B6FFFF

 003D6E

 D4FFFF

 002755

 F3FFFF

 00123D

 000327

 000110

 000000

■ 339FD9

■ 339FD9

■ 1D97D9

■ 49A7D9

■ 0890D9

■ 5EAED9

■ 008DD9

■ 74B6D9

■ 8ABDD9

■ A0C5D9

■ B5CCD9

■ CBD4D9

■ E1DCD9

■ F6E3D9

Harmonies

Analogous

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



00A6C6



339FD9



7C94DA

Triad

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



339FD9



DA7A87



75A262

Complementary

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



339FD9



D96D33

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.



9C9950



339FD9



D28167

Square

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



339FD9



CE7CAA



BC8D52



44A782

Rectangle

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



339FD9



A08BD0



BC8D52



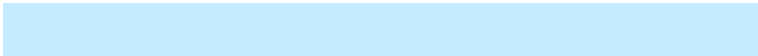
82A05A

Sweetspot

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



339FD9



C4EBFF



33D96A



5C7380



000000



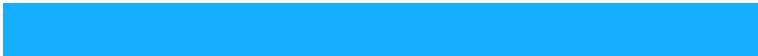
808080

Same Dimension

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



339FD9



14ADFF



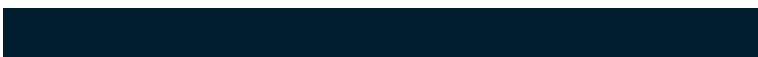
334FD9



636A6E



0071AD



001E2E

Inverse Universe

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



D9339F



FF14AD



D9BD33



6E636A



AD0071



2E001E

Previews

White Background



This preview shows how the Hex color 339FD9 looks on a white background.

Color Contrast Check

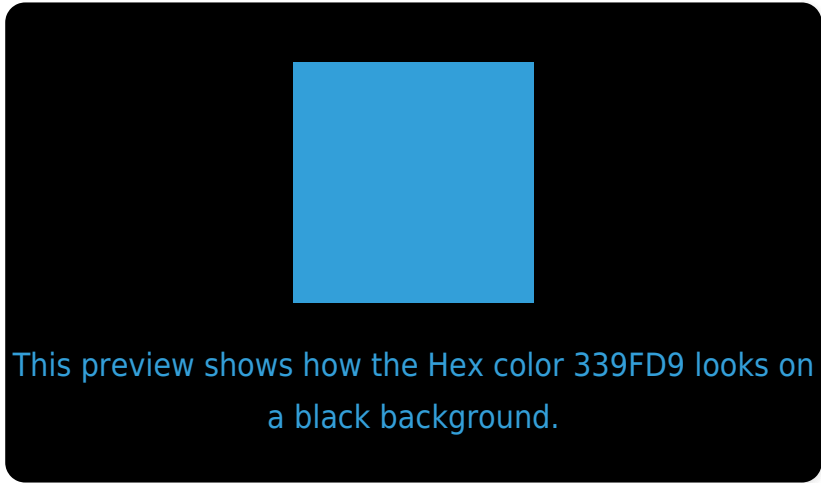
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

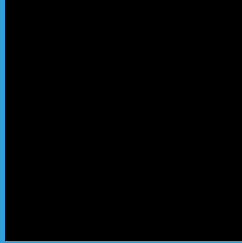
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

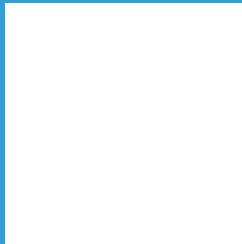
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 339FD9 Background



This preview shows how black text looks on a background with the Hex color 339FD9.



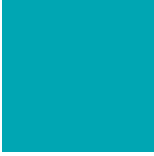
This preview shows how white text looks on a background with the Hex color 339FD9.

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](#).

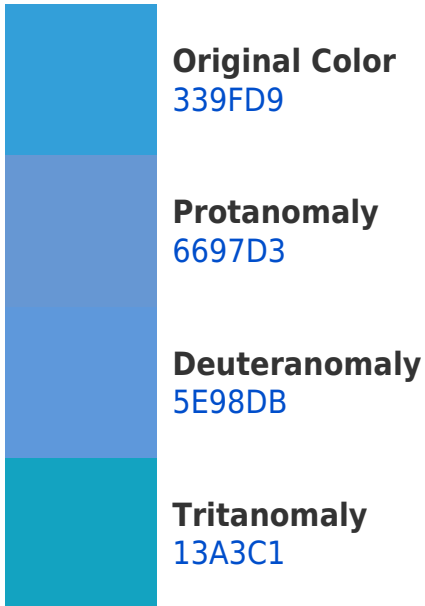
Dichromacy





Tritanopia
00A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 339FD9 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 #339FD9 looks like.

```
.text, #text, p{  
    color:#339FD9  
}
```

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 #339FD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #339FD9
}
```

Border

The CSS property to change the border of an element to Hex 339FD9 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
#339FD9 }
```

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

```
.border{ border-color:#339FD9 }
```

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

Here you see how a box with a 4 pixel #339FD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #339FD9; -webkit-box-shadow:4px 4px  
4px 4px #339FD9; box-shadow:4px 4px 4px  
4px #339FD9 }
```

Background

The CSS property to change the background color of an element to Hex 339FD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#339FD9 }
```

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

```
.background{ background-color:#339FD9 }
```

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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