

Converting Colors

Hex(3999F9)

Have a look what the booklet for
Hex(3999F9) contains.

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Color

Hex(3999F9)

Conversions

Conversions Part 1

Format	Color
Hex	3999F9
RGB	57, 153, 249
RGB Percent	22%, 60%, 98%
CMY	0.7765, 0.4000, 0.0235
CMYK	0.77, 0.39, 0.00, 0.02
HSL	210°, 94%, 60%
HSV	210°, 77%, 98%
XYZ	30.1775, 30.4919, 93.9175
YIQ	135.2400, -88.0320, 9.5040

Conversions

Conversions Part 2

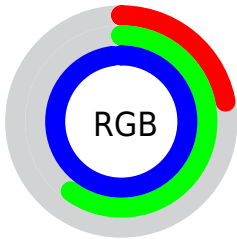
Format	Color
R _{YB}	57, 121, 249
Decimal	3774969
CIE Lab	62.08, 4.57, -55.77
CIE LCh	62, 55.954, 274.681
Yxy	30.4919, 0.1952, 0.1972
Android (android.graphics.Color)	4281965049 (0xFF3999F9)
YUV	135.2400, 56.0837, -68.6165
Hunter-Lab	55.2194, 0.9163, -62.1871

Details

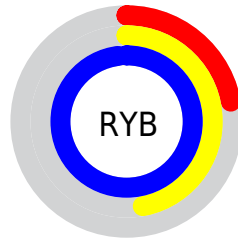
The Hex color **3999F9** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **F99939**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **82CFFF**, and **0067C0** is the 20% darker color. If you saturate the color by 10%, you get **208DF9**, and if you desaturate by 10%, it is **52A5F9**.

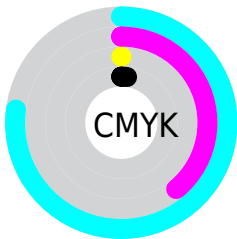
Distribution



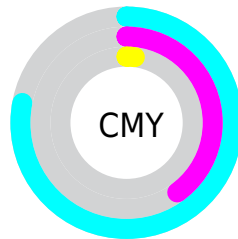
- Red (22%)
- Green (60%)
- Blue (98%)



- Red (22%)
- Yellow (47%)
- Blue (98%)



- Cyan (77%)
- Magenta (39%)
- Yellow (0%)
- Black (2%)



- Cyan (78%)
- Magenta (40%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3999F9 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 3999F9 by changing the saturation by 10% instead.

 3999F9

 3999F9

FFFFFF

 007FDC

 82CFFF

 0067C0

 A1EBFF

 004FA4

 C1FFFF

 00398A

 E0FFFF

 002570

 000F57

 00063E

 000328

 000111

■ 3999F9

■ 3999F9

■ 208DF9

■ 52A5F9

■ 0780F9

■ 6BB2F9

■ 007DF9

■ 84BEF9

■ 9DCBF9

■ B5D7F9

■ CEE4F9

■ E7F0F9

■ FFFDF9

■ FFFFF9

Harmonies

Analogous

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



00A6EF



3999F9



A286E8

Triad

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



3999F9



EC7160



21AB6A

Complementary

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



3999F9



F99939

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.



76A33F



3999F9



D2843A

Square

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



3999F9



F06890



AA962B



00AE9D

Rectangle

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



3999F9



CA78D0



AA962B



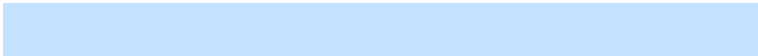
48A95A

Sweetspot

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



3999F9



C4E2FF



39F999



5C6E80



000000



808080

Same Dimension

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



3999F9



1288FF



3939F9



70777D



005EBD



001F3D

Inverse Universe

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



F93999



FF1288



F9F939



7D7077



BD005E



3D001F

Previews

White Background



This preview shows how the Hex color 3999F9 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

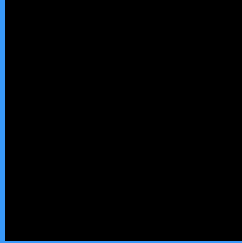
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

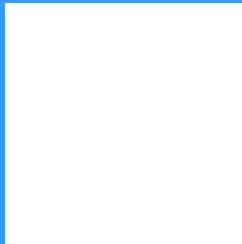
Any Text WCAG AAA ✓ Pass

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

Hex 3999F9 Background



This preview shows how black text looks on a background with the Hex color 3999F9.



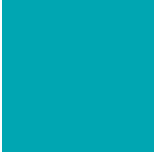
This preview shows how white text looks on a background with the Hex color 3999F9.

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](#).

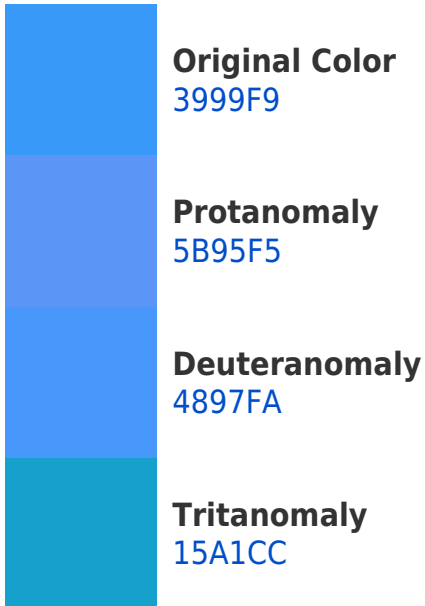
Dichromacy





Tritanopia
00A6B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3999F9 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 #3999F9 looks like.

```
.text, #text, p{  
    color:#3999F9  
}
```

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 #3999F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3999F9
}
```

Border

The CSS property to change the border of an element to Hex 3999F9 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
#3999F9 }
```

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

```
.border{ border-color:#3999F9 }
```

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

Here you see how a box with a 4 pixel #3999F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3999F9; -webkit-box-shadow:4px 4px  
4px 4px #3999F9; box-shadow:4px 4px 4px  
4px #3999F9 }
```

Background

The CSS property to change the background color of an element to Hex 3999F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3999F9 }
```

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

```
.background{ background-color:#3999F9 }
```

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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