

# Converting Colors

Hex(394DF9)

Have a look what the booklet for  
Hex(394DF9) contains.

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# Color

**Hex(394DF9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	394DF9
RGB	57, 77, 249
RGB Percent	22%, 30%, 98%
CMY	0.7765, 0.6980, 0.0235
CMYK	0.77, 0.69, 0.00, 0.02
HSL	234°, 94%, 60%
HSV	234°, 77%, 98%
XYZ	21.4401, 13.0172, 91.0051
YIQ	90.6280, -67.1320, 49.2520

# Conversions

## Conversions Part 2

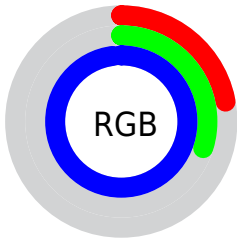
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 75, 249
Decimal	3755513
CIELab	42.79, 50.97, -87.03
CIELCh	43, 100.858, 300.354
Yxy	13.0172, 0.1709, 0.1038
Android (android.graphics.Color)	4281945593 (0xFF394DF9)
YUV	90.6280, 78.0774, -29.4918
Hunter-Lab	36.0793, 42.9347, -124.2953

# Details

The Hex color **394DF9** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **F9E539**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **857FFF**, and **0020BF** is the 20% darker color. If you saturate the color by 10%, you get **2037F9**, and if you desaturate by 10%, it is **5263F9**.

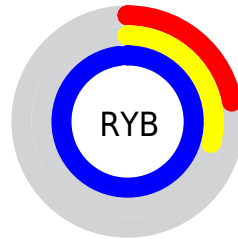
# Distribution



Red (22%)

Green (30%)

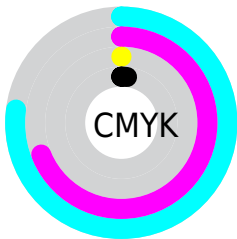
Blue (98%)



Red (22%)

Yellow (29%)

Blue (98%)

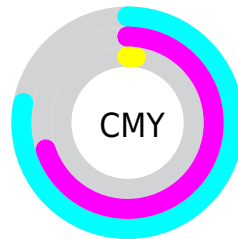


Cyan (77%)

Magenta (69%)

Yellow (0%)

Black (2%)



Cyan (78%)

Magenta (70%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 394DF9 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 394DF9 by changing the saturation by 10% instead.



 394DF9

 394DF9

FFFFFF

 0036DC

 857FFF

 0020BF

 A699FF

 000CA3

 C6B4FF

 000088

 E6D0FF

 00046D

 FFECFF

 000B54

 00063C

 000225

 00010D

■ 394DF9

■ 394DF9

■ 2037F9

■ 5263F9

■ 0720F9

■ 6B7AF9

■ 001AF9

■ 8490F9

■ 9DA6F9

■ B5BDF9

■ CED3F9

■ E7E9F9

■ FFFFF9

# Harmonies

## Analogous

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



0073FF



394DF9



C300B9

# Triad

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



394DF9



B93700



008264

# Complementary

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



394DF9



F9E539

# 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.



007F00



394DF9



7B6300

# Square

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



394DF9



E20017



0E7700



0084B9

# Rectangle

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



394DF9



E30084



0E7700



008146



# Sweetspot

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



394DF9



C4CAFF



39F9E3



5C6080



000000



808080



# Same Dimension

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



394DF9



122BFF



8339F9



70727D



0014BD



00063D



# Inverse Universe

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



F9394D



FF122B



AFF939



7D7072



BD0014

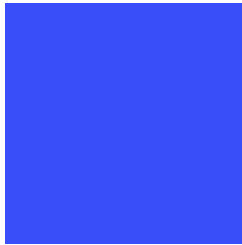


3D0006



# Previews

## White Background



This preview shows how the Hex color 394DF9 looks on a white background.

## Color Contrast Check

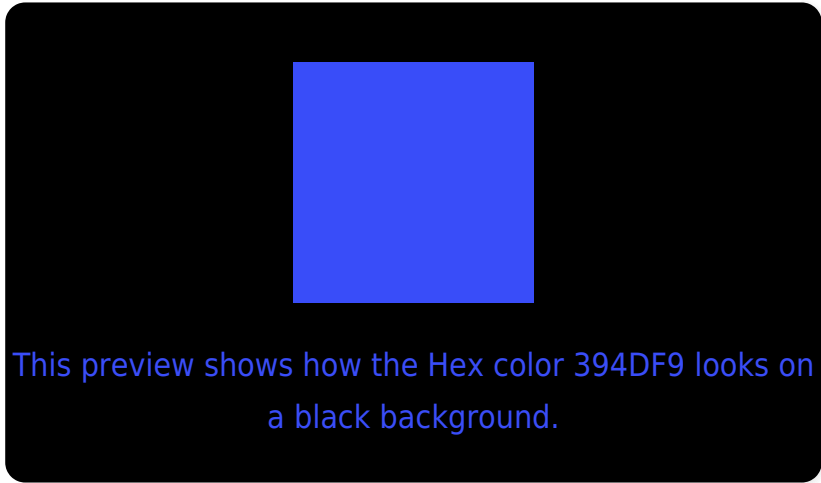
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

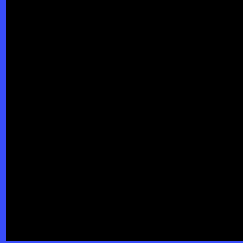
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 394DF9 Background



This preview shows how black text looks on a background with the Hex color 394DF9.



This preview shows how white text looks on a background with the Hex color 394DF9.

# 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](#).

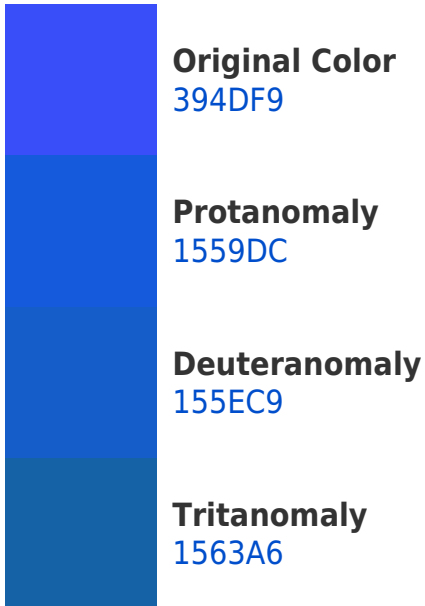
## Dichromacy





**Tritanopia**  
006F76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 394DF9 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 #394DF9 looks like.

```
.text, #text, p{  
    color:#394DF9  
}
```

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 #394DF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #394DF9
}
```

## Border

The CSS property to change the border of an element to Hex 394DF9 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
#394DF9 }
```

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

```
.border{ border-color:#394DF9 }
```

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

Here you see how a box with a 4 pixel #394DF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #394DF9; -webkit-box-shadow:4px 4px  
4px 4px #394DF9; box-shadow:4px 4px 4px  
4px #394DF9 }
```

# Background

The CSS property to change the background color of an element to Hex 394DF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#394DF9 }
```

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

```
.background{ background-color:#394DF9 }
```

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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