

Converting Colors

Hex(3B4DFD)

Have a look what the booklet for
Hex(3B4DFD) contains.

Hex(3B4DFD)	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(3B4DFD)

Conversions

Conversions Part 1

Format	Color
Hex	3B4DFD
RGB	59, 77, 253
RGB Percent	23%, 30%, 99%
CMY	0.7686, 0.6980, 0.0078
CMYK	0.77, 0.70, 0.00, 0.01
HSL	234°, 98%, 61%
HSV	234°, 77%, 99%
XYZ	22.1871, 13.3294, 94.3319
YIQ	91.6820, -67.2240, 50.9200

Conversions

Conversions Part 2

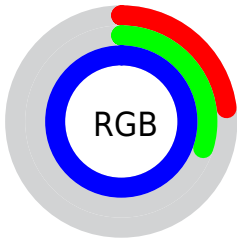
Format	Color
<code>RYB</code>	<code>59, 75, 253</code>
Decimal	<code>3886589</code>
CIELab	<code>43.26, 52.45, -88.50</code>
CIElCh	<code>43, 102.873, 300.655</code>
Yxy	<code>13.3294, 0.1709, 0.1027</code>
Android (<code>android.graphics.Color</code>)	<code>4282076669 (0xFF3B4DFD)</code>
YUV	<code>91.6820, 79.5298, -28.6621</code>
Hunter-Lab	<code>36.5095, 44.5845, -127.6349</code>

Details

The Hex color **3B4DFD** 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 **FDEB3B**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **877FFF**, and **001FC3** is the 20% darker color. If you saturate the color by 10%, you get **2236FD**, and if you desaturate by 10%, it is **5464FD**.

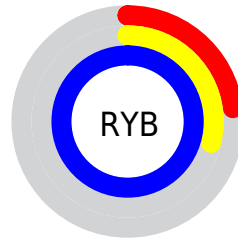
Distribution



Red (23%)

Green (30%)

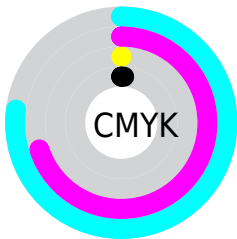
Blue (99%)



Red (23%)

Yellow (29%)

Blue (99%)

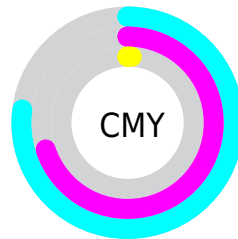


Cyan (77%)

Magenta (70%)

Yellow (0%)

Black (1%)



Cyan (77%)

Magenta (70%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4DFD 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 3B4DFD by changing the saturation by 10% instead.

 3B4DFD

 3B4DFD

FFFFFF

 0036E0

 877FFF

 001FC3

 A899FF

 000BA7

 C8B4FF

 00008B

 E8D0FF

 000371

 FFECFF

 000C57

 00063F

 000328

 000112

■ 3B4DFD

■ 3B4DFD

■ 2236FD

■ 5464FD

■ 081FFD

■ 6E7BFD

■ 0017FD

■ 8792FD

■ A0A9FD

■ BAC0FD

■ D3D7FD

■ ECEEFD

FFFFFD

Harmonies

Analogous

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



0074FF



3B4DFD



C600BC

Triad

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



3B4DFD



BC3800



008466

Complementary

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



3B4DFD



FDEB3B

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.



008000



3B4DFD



7C6500

Square

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



3B4DFD



E60015



047800



0086BD

Rectangle

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



3B4DFD



E70085



047800



008348

Sweetspot

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



3B4DFD



C4CAFF



3BFDEA



5C5F80



000000



808080

Same Dimension

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



3B4DFD



142AFF



893BFD



737480



0012BF



000640

Inverse Universe

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



FD3B4D



FF142A



AFFD3B



807374



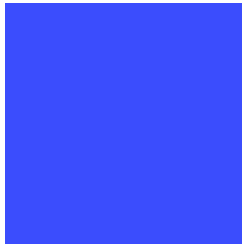
BF0012



400006

Previews

White Background



This preview shows how the Hex color 3B4DFD looks on a white background.

Color Contrast Check

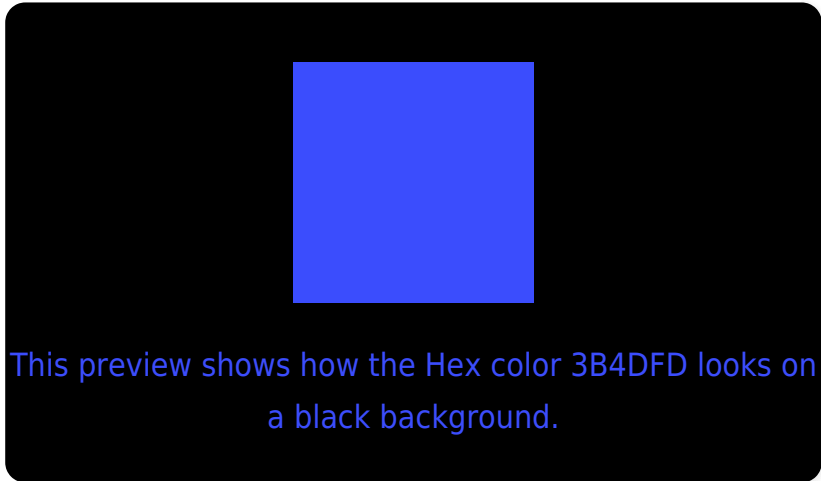
Large Text (above 18pt) WCAG AA ✓ Pass

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

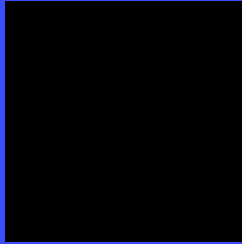
Any Text WCAG AA × Fail

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 3B4DFD Background



This preview shows how black text looks on a background with the Hex color 3B4DFD.



This preview shows how white text looks on a background with the Hex color 3B4DFD.

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



Original Color
3B4DFD



Protanomaly
155ADF



Deuteranomaly
155ECC



Tritanomaly
1563A8

Monochromacy



Original Color
3B4DFD



Achromatopsia
5C5C5C



Achromatomaly
505797

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4DFD 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 #3B4DFD looks like.

```
.text, #text, p{  
    color:#3B4DFD  
}
```

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 #3B4DFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4DFD
}
```

Border

The CSS property to change the border of an element to Hex 3B4DFD 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
#3B4DFD }
```

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

```
.border{ border-color:#3B4DFD }
```

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

Here you see how a box with a 4 pixel #3B4DFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4DFD; -webkit-box-shadow:4px 4px  
4px 4px #3B4DFD; box-shadow:4px 4px 4px  
4px #3B4DFD }
```

Background

The CSS property to change the background color of an element to Hex 3B4DFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4DFD }
```

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

```
.background{ background-color:#3B4DFD }
```

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