

Converting Colors

Hex(3B4DFB)

Have a look what the booklet for
Hex(3B4DFB) contains.

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Color

Hex(3B4DFB)

Conversions

Conversions Part 1

Format	Color
Hex	3B4DFB
RGB	59, 77, 251
RGB Percent	23%, 30%, 98%
CMY	0.7686, 0.6980, 0.0157
CMYK	0.76, 0.69, 0.00, 0.02
HSL	234°, 96%, 61%
HSV	234°, 76%, 98%
XYZ	21.8701, 13.2026, 92.6625
YIQ	91.4540, -66.5820, 50.2980

Conversions

Conversions Part 2

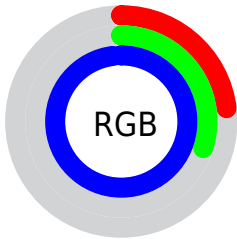
Format	Color
RYB	59, 75, 251
Decimal	3886587
CIELab	43.07, 51.79, -87.69
CIELCh	43, 101.843, 300.567
Yxy	13.2026, 0.1712, 0.1034
Android (android.graphics.Color)	4282076667 (0xFF3B4DFB)
YUV	91.4540, 78.6562, -28.4622
Hunter-Lab	36.3354, 43.8514, -125.7666

Details

The Hex color **3B4DFB** 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 **FBE93B**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **877FFF**, and **001FC1** is the 20% darker color. If you saturate the color by 10%, you get **2236FB**, and if you desaturate by 10%, it is **5464FB**.

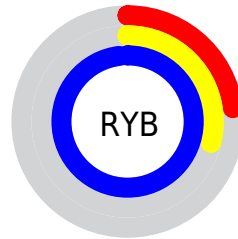
Distribution



Red (23%)

Green (30%)

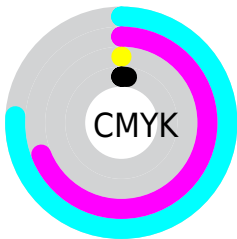
Blue (98%)



Red (23%)

Yellow (29%)

Blue (98%)

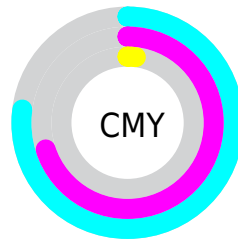


Cyan (76%)

Magenta (69%)

Yellow (0%)

Black (2%)



Cyan (77%)

Magenta (70%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4DFB 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 3B4DFB by changing the saturation by 10% instead.

 3B4DFB

 3B4DFB

FFFFFF

 0036DE

 877FFF

 001FC1

 A899FF

 000BA5

 C8B4FF

 00008A

 E7D0FF

 00036F

 FFECFF

 000C55

 00063D

 000326

 000110

■ 3B4DFB

■ 3B4DFB

■ 2236FB

■ 5464FB

■ 0920FB

■ 6D7AFB

■ 0018FB

■ 8691FB

■ 9FA8FB

■ B9BFFB

■ D2D5FB

■ EBECFB

FFFFF

Harmonies

Analogous

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



0073FF



3B4DFB



C500BB

Triad

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



3B4DFB



BA3800



008365

Complementary

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



3B4DFB



FBE93B

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



3B4DFB



7B6400

Square

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



3B4DFB



E40016



097800



0085BB

Rectangle

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



3B4DFB



E50084



097800



008247

Sweetspot

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



3B4DFB



C4CAFF



3BFBE8



5C5F80



000000



808080

Same Dimension

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



3B4DFB



142AFF



883BFB



70727D



0012BD



00063D

Inverse Universe

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



FB3B4D



FF142A



AEFB3B



7D7072



BD0012



3D0006

Previews

White Background



This preview shows how the Hex color 3B4DFB looks on a white background.

Color Contrast Check

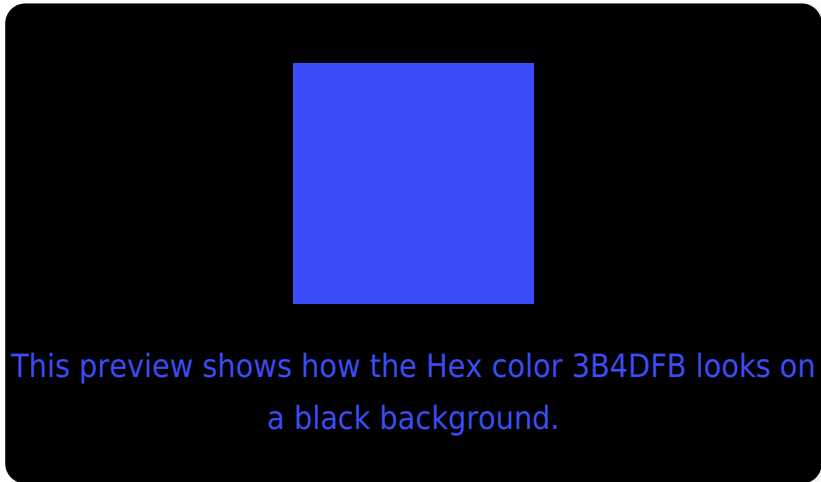
Large Text (above 18pt) WCAG AA ✓ Pass

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

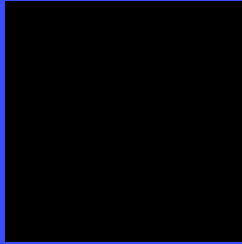
Any Text WCAG AA × Fail

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 3B4DFB Background



This preview shows how black text looks on a background with the Hex color 3B4DFB.



This preview shows how white text looks on a background with the Hex color 3B4DFB.

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
3B4DFB

Protanomaly
155ADE

Tritanomaly
1563A7

Monochromacy



Original Color
3B4DFB

Achromatopsia
5B5B5B

Achromatomaly
4F5695

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4DFB 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 #3B4DFB looks like.

```
.text, #text, p{  
    color:#3B4DFB  
}
```

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 #3B4DFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4DFB
}
```

Border

The CSS property to change the border of an element to Hex 3B4DFB 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
#3B4DFB }
```

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

```
.border{ border-color:#3B4DFB }
```

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

Here you see how a box with a 4 pixel #3B4DFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4DFB; -webkit-box-shadow:4px 4px  
4px 4px #3B4DFB; box-shadow:4px 4px 4px  
4px #3B4DFB }
```

Background

The CSS property to change the background color of an element to Hex 3B4DFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4DFB }
```

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

```
.background{ background-color:#3B4DFB }
```

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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