

Converting Colors

Hex(3B6BF7)

Have a look what the booklet for
Hex(3B6BF7) contains.

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Color

Hex(3B6BF7)

Conversions

Conversions Part 1

Format	Color
Hex	3B6BF7
RGB	59, 107, 247
RGB Percent	23%, 42%, 97%
CMY	0.7686, 0.5804, 0.0314
CMYK	0.76, 0.57, 0.00, 0.03
HSL	225°, 92%, 60%
HSV	225°, 76%, 97%
XYZ	23.8498, 18.1606, 90.2440
YIQ	108.6080, -73.5480, 33.3640

Conversions

Conversions Part 2

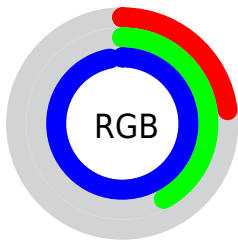
Format	Color
RYB	59, 97, 247
Decimal	3894263
CIELab	49.69, 32.22, -74.61
CIELCh	50, 81.268, 293.358
Yxy	18.1606, 0.1803, 0.1373
Android (android.graphics.Color)	4282084343 (0xFF3B6BF7)
YUV	108.6080, 68.2273, -43.5062
Hunter-Lab	42.6153, 25.3217, -95.7245

Details

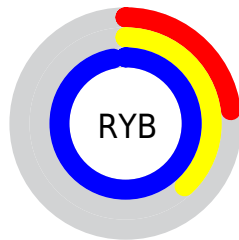
The Hex color **3B6BF7** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **F7C73B**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **849EFF**, and **003DBD** is the 20% darker color. If you saturate the color by 10%, you get **2259F7**, and if you desaturate by 10%, it is **547DF7**.

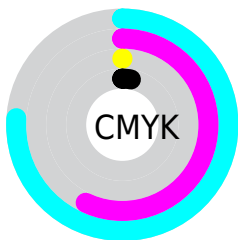
Distribution



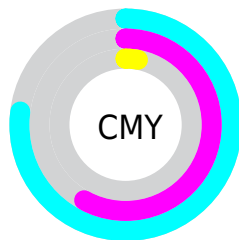
- Red (23%)
- Green (42%)
- Blue (97%)



- Red (23%)
- Yellow (38%)
- Blue (97%)



- Cyan (76%)
- Magenta (57%)
- Yellow (0%)
- Black (3%)



- Cyan (77%)
- Magenta (58%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B6BF7 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 3B6BF7 by changing the saturation by 10% instead.

 3B6BF7

 3B6BF7

FFFFFF

 0053DA

 849EFF

 003DBD

 A4B9FF

 0028A2

 C3D4FF

 001787

 E3F0FF

 00006D

 000B53

 00063B

 000224

 00000C

■ 3B6BF7

■ 3B6BF7

■ 2259F7

■ 547DF7

■ 0A46F7

■ 6C90F7

■ 003FF7

■ 85A2F7

■ 9EB5F7

■ B6C7F7

■ CFD9F7

■ E8ECF7

■ FFFEF7

■ FFFFF7

Harmonies

Analogous

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



0084FF



3B6BF7



B741CA

Triad

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



3B6BF7



CD4C00



009264

Complementary

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



3B6BF7



F7C73B

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.



008D13



3B6BF7



9D6E00

Square

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



3B6BF7



E91345



5C8200



0093AB

Rectangle

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



3B6BF7



DB179F



5C8200



00914C

Sweetspot

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



3B6BF7



C4D3FF



3BF7C5



5C6580



000000



808080

Same Dimension

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



3B6BF7



1752FF



673BF7



6E717A



0030BA



000F3B

Inverse Universe

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



F73B6B



FF1752



CBF73B



7A6E71



BA0030



3B000F

Previews

White Background



This preview shows how the Hex color 3B6BF7 looks on a white background.

Color Contrast Check

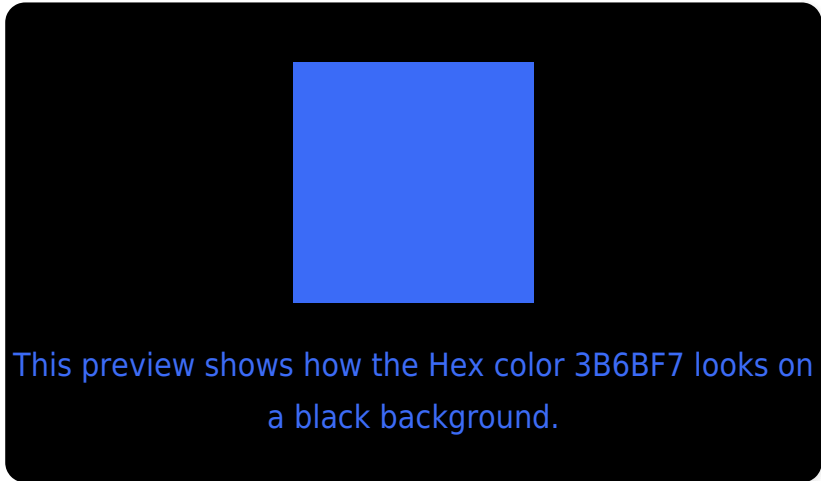
Large Text (above 18pt) WCAG AA ✓ Pass

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

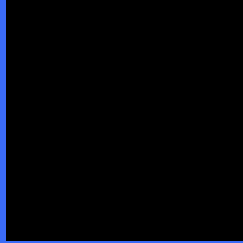
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 3B6BF7 Background



This preview shows how black text looks on a background with the Hex color 3B6BF7.



This preview shows how white text looks on a background with the Hex color 3B6BF7.

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](#).

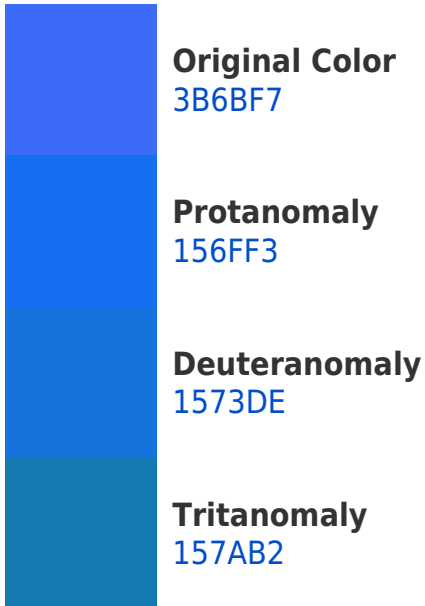
Dichromacy





Tritanopia
00828B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B6BF7 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 #3B6BF7 looks like.

```
.text, #text, p{  
    color:#3B6BF7  
}
```

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 #3B6BF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B6BF7
}
```

Border

The CSS property to change the border of an element to Hex 3B6BF7 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
#3B6BF7 }
```

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

```
.border{ border-color:#3B6BF7 }
```

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

Here you see how a box with a 4 pixel #3B6BF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B6BF7; -webkit-box-shadow:4px 4px  
4px 4px #3B6BF7; box-shadow:4px 4px 4px  
4px #3B6BF7 }
```

Background

The CSS property to change the background color of an element to Hex 3B6BF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B6BF7 }
```

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

```
.background{ background-color:#3B6BF7 }
```

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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