

Converting Colors

Hex(3B67F5)

Have a look what the booklet for
Hex(3B67F5) contains.

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Color

Hex(3B67F5)

Conversions

Conversions Part 1

Format	Color
Hex	3B67F5
RGB	59, 103, 245
RGB Percent	23%, 40%, 96%
CMY	0.7686, 0.5961, 0.0392
CMYK	0.76, 0.58, 0.00, 0.04
HSL	226°, 90%, 60%
HSV	226°, 76%, 96%
XYZ	23.1353, 17.2229, 88.4912
YIQ	106.0320, -71.8060, 34.8340

Conversions

Conversions Part 2

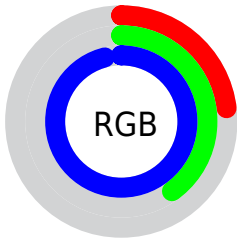
Format	Color
R _Y B	59, 95, 245
Decimal	3893237
CIE Lab	48.54, 34.00, -75.37
CIE LCh	49, 82.681, 294.281
Yxy	17.2229, 0.1796, 0.1337
Android (android.graphics.Color)	4282083317 (0xFF3B67F5)
YUV	106.0320, 68.5112, -41.2471
Hunter-Lab	41.5005, 26.8828, -97.3734

Details

The Hex color **3B67F5** 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 **F5C93B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **849AFF**, and **0039BC** is the 20% darker color. If you saturate the color by 10%, you get **2254F5**, and if you desaturate by 10%, it is **547AF5**.

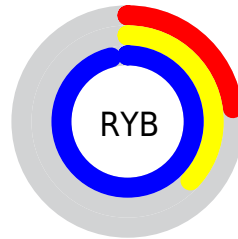
Distribution



Red (23%)

Green (40%)

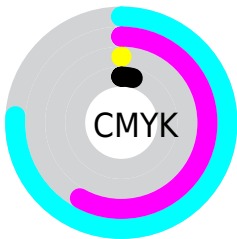
Blue (96%)



Red (23%)

Yellow (37%)

Blue (96%)

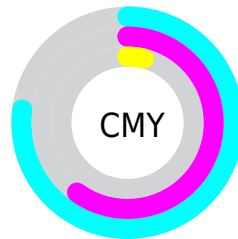


Cyan (76%)

Magenta (58%)

Yellow (0%)

Black (4%)



Cyan (77%)

Magenta (60%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B67F5 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 3B67F5 by changing the saturation by 10% instead.

 3B67F5

 3B67F5

FFFFFF

 004FD8

 849AFF

 0039BC

 A4B4FF

 0025A0

 C3D0FF

 001485

 E2ECFF

 00006B

 000B51

 000539

 000223

 000009

 3B67F5

 3B67F5

 2254F5

 547AF5

 0A42F5

 6C8CF5

 003AF5

 849FF5

 9DB2F5

 B6C5F5

 CED7F5

 E7EAF5

 FFFDF5

 FFFFF5

Harmonies

Analogous

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



0081FF



3B67F5



B73AC6

Triad

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



3B67F5



C94900



008F63

Complementary

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



3B67F5



F5C93B

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.



008A0F



3B67F5



986C00

Square

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



3B67F5



E6003F



558000



0090AB

Rectangle

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



3B67F5



DA009B



558000



008E4A

Sweetspot

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



3B67F5



C4D2FF



3BF5C7



5C6480



000000



808080

Same Dimension

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



3B67F5



174EFF



6A3BF5



6E717A



002CBA



000E3B

Inverse Universe

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



F53B67



FF174E



C7F53B



7A6E71



BA002C



3B000E

Previews

White Background



This preview shows how the Hex color 3B67F5 looks on a white background.

Color Contrast Check

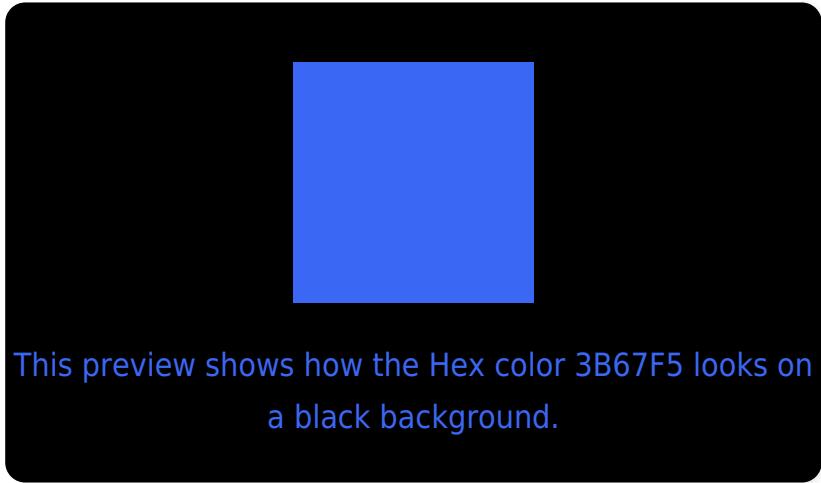
Large Text (above 18pt) WCAG AA ✓ Pass

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

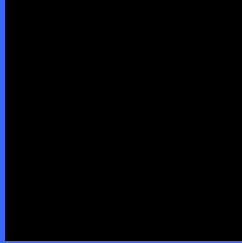
Any Text WCAG AA × Fail

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 3B67F5 Background



This preview shows how black text looks on a background with the Hex color 3B67F5.



This preview shows how white text looks on a background with the Hex color 3B67F5.

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](#).

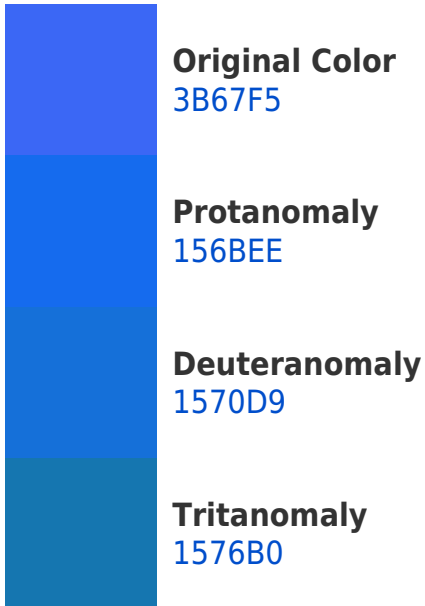
Dichromacy





Tritanopia
007F88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B67F5 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 #3B67F5 looks like.

```
.text, #text, p{  
  color:#3B67F5  
}
```

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 #3B67F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B67F5
}
```

Border

The CSS property to change the border of an element to Hex 3B67F5 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
#3B67F5 }
```

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

```
.border{ border-color:#3B67F5 }
```

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

Here you see how a box with a 4 pixel #3B67F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B67F5; -webkit-box-shadow:4px 4px  
4px 4px #3B67F5; box-shadow:4px 4px 4px  
4px #3B67F5 }
```

Background

The CSS property to change the background color of an element to Hex 3B67F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B67F5 }
```

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

```
.background{ background-color:#3B67F5 }
```

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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