

Converting Colors

Hex(3B5FBB)

Have a look what the booklet for
Hex(3B5FBB) contains.

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Color

Hex(3B5FBB)

Conversions

Conversions Part 1

Format	Color
Hex	3B5FBB
RGB	59, 95, 187
RGB Percent	23%, 37%, 73%
CMY	0.7686, 0.6275, 0.2667
CMYK	0.68, 0.49, 0.00, 0.27
HSL	223°, 52%, 48%
HSV	223°, 68%, 73%
XYZ	14.8655, 12.7021, 48.6820
YIQ	94.7240, -50.9880, 20.9800

Conversions

Conversions Part 2

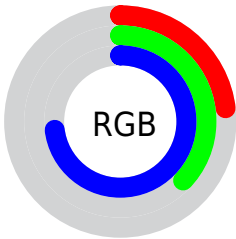
Format	Color
R_{YB}	59, 87, 187
Decimal	3891131
CIE _{Lab}	42.31, 18.05, -52.40
CIE _{LCh}	42, 55.419, 289.010
Yxy	12.7021, 0.1950, 0.1666
Android (android.graphics.Color)	4282081211 (0xFF3B5FBB)
YUV	94.7240, 45.4921, -31.3299
Hunter-Lab	35.6400, 12.0826, -56.0384

Details

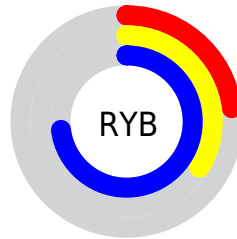
The Hex color **3B5FBB** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **BB973B**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7891F4**, and **003285** is the 20% darker color. If you saturate the color by 10%, you get **2852BB**, and if you desaturate by 10%, it is **4E6CBB**.

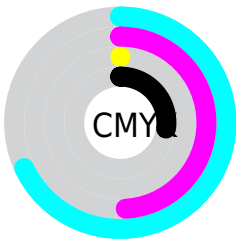
Distribution



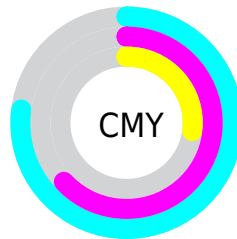
- Red (23%)
- Green (37%)
- Blue (73%)



- Red (23%)
- Yellow (34%)
- Blue (73%)



- Cyan (68%)
- Magenta (49%)
- Yellow (0%)
- Black (27%)



- Cyan (77%)
- Magenta (63%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B5FBB 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 3B5FBB by changing the saturation by 10% instead.

 3B5FBB

 3B5FBB

FFFFFF

 0F48A0

 7891F4

 003285

 95ABFF

 001E6B

 B2C7FF

 000552

 D0E2FF

 00063A

 EEEFFF

 000224

 00000B

 000000

 3B5FBB

 3B5FBB

■ 2852BB

■ 4E6CBB

■ 1644BB

■ 607ABB

■ 0337BB

■ 7387BB

■ 0035BB

■ 8695BB

■ 98A2BB

■ ABB0BB

■ BEBDBB

■ D1CBBB

■ E3D8BB

Harmonies

Analogous

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



006EBE



3B5FBB



8949A0

Triad

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



3B5FBB



A5481E



007751

Complementary

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



3B5FBB



BB973B

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.



1F7322



3B5FBB



875C00

Square

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



3B5FBB



B43549



5D6A00



007980

Rectangle

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



3B5FBB



A43A86



5D6A00



007641

Sweetspot

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



3B5FBB



BFCEF2



3BBB97



5C647A



FAFAFA



7A7A7A

Same Dimension

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



3B5FBB



2C63F2



573BBB



55585E



002C9E



00091F

Inverse Universe

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



BB3B5F



F22C63



9FBB3B



5E5558



9E002C



1F0009

Previews

White Background



This preview shows how the Hex color 3B5FBB looks on a white background.

Color Contrast Check

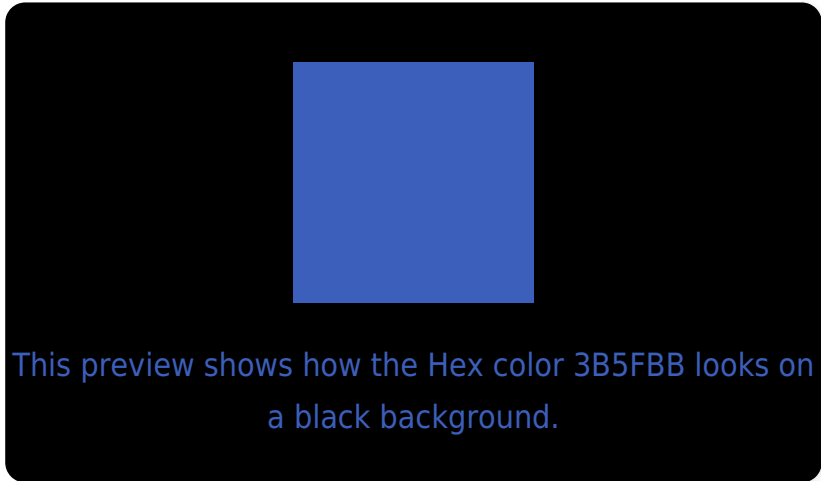
Large Text (above 18pt) WCAG AA ✓ Pass

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

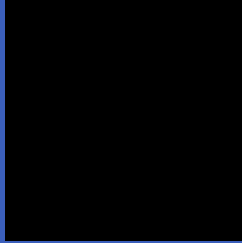
Any Text WCAG AA × Fail

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 3B5FBB Background



This preview shows how black text looks on a background with the Hex color 3B5FBB.



This preview shows how white text looks on a background with the Hex color 3B5FBB.

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](#).

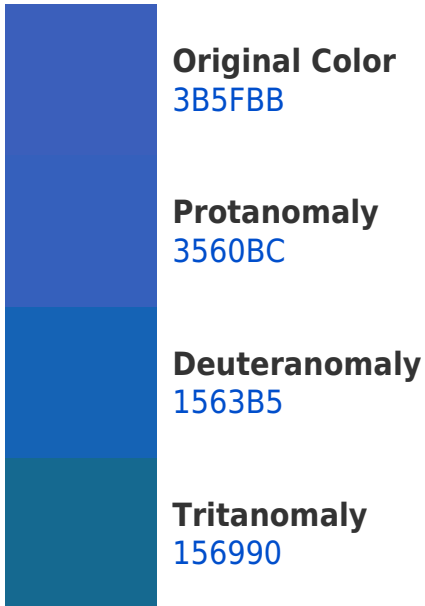
Dichromacy



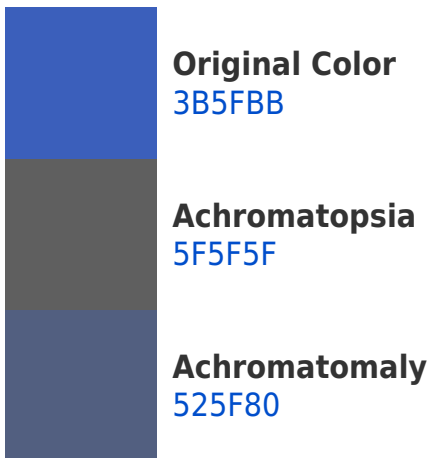


Tritanopia
006E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B5FBB 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 #3B5FBB looks like.

```
.text, #text, p{  
    color:#3B5FBB  
}
```

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 #3B5FBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B5FBB
}
```

Border

The CSS property to change the border of an element to Hex 3B5FBB 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
#3B5FBB }
```

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

```
.border{ border-color:#3B5FBB }
```

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

Here you see how a box with a 4 pixel #3B5FBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B5FBB; -webkit-box-shadow:4px 4px  
4px 4px #3B5FBB; box-shadow:4px 4px 4px  
4px #3B5FBB }
```

Background

The CSS property to change the background color of an element to Hex 3B5FBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B5FBB }
```

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

```
.background{ background-color:#3B5FBB }
```

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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