

Converting Colors

Hex(3B4BBF)

Have a look what the booklet for
Hex(3B4BBF) contains.

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Color

Hex(3B4BBF)

Conversions

Conversions Part 1

Format	Color
Hex	3B4BBF
RGB	59, 75, 191
RGB Percent	23%, 29%, 75%
CMY	0.7686, 0.7059, 0.2510
CMYK	0.69, 0.61, 0.00, 0.25
HSL	233°, 53%, 49%
HSV	233°, 69%, 75%
XYZ	13.7237, 9.7235, 50.4437
YIQ	83.4400, -46.7720, 32.6840

Conversions

Conversions Part 2

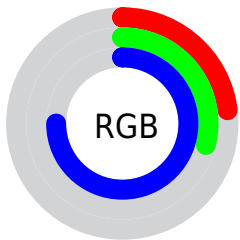
Format	Color
RYB	59, 73, 191
Decimal	3886015
CIELab	37.34, 32.39, -62.79
CIElCh	37, 70.649, 297.287
Yxy	9.7235, 0.1857, 0.1316
Android (android.graphics.Color)	4282076095 (0xFF3B4BBF)
YUV	83.4400, 53.0271, -21.4339
Hunter-Lab	31.1826, 23.9895, -74.0849

Details

The Hex color **3B4BBF** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **BFAF3B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7A7CF8**, and **002088** is the 20% darker color. If you saturate the color by 10%, you get **283ABF**, and if you desaturate by 10%, it is **4E5CBF**.

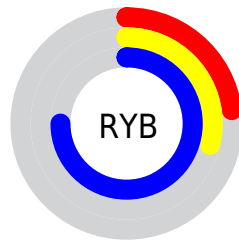
Distribution



Red (23%)

Green (29%)

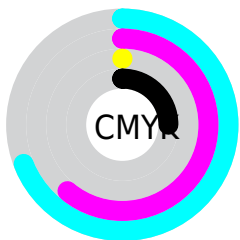
Blue (75%)



Red (23%)

Yellow (29%)

Blue (75%)

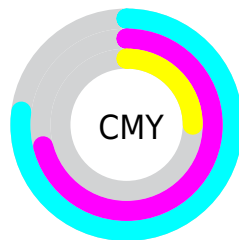


Cyan (69%)

Magenta (61%)

Yellow (0%)

Black (25%)



Cyan (77%)

Magenta (71%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4BBF 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 3B4BBF by changing the saturation by 10% instead.

■ 3B4BBF

■ 3B4BBF

FFFFFF

■ 0A34A3

■ 7A7CF8

■ 002088

■ 9896FF

■ 000D6E

■ B5B0FF

■ 000055

■ D3CCFF

■ 00063D

■ F1E8FF

■ 000326

■ 00010F

■ 000000

■ 3B4BBF

■ 3B4BBF

■ 283ABF

■ 4E5CBF

■ 1529BF

■ 616DBF

■ 0219BF

■ 747DBF

■ 0017BF

■ 878EBF

■ 9B9FBF

■ AEB0BF

■ C1C0BF

■ D4D1BF

■ E7E2BF

Harmonies

Analogous

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



0062CC



3B4BBF



942297

Triad

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



3B4BBF



9A3900



006E51

Complementary

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



3B4BBF



BFAF3B

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.



006B0F



3B4BBF



705400

Square

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



3B4BBF



B40028



386300



006F8B

Rectangle

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



3B4BBF



AE0073



386300



006D3D

Sweetspot

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



3B4BBF



C3CAF7



3BBFAD



5E617D



FCFCFC



7D7D7D

Same Dimension

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



3B4BBF



2A43F7



6B3BBF



55565E



00139E



00041F

Inverse Universe

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



BF3B4B



F72A43



8FBF3B



5E5556



9E0013



1F0004

Previews

White Background



This preview shows how the Hex color 3B4BBF looks on a white background.

Color Contrast Check

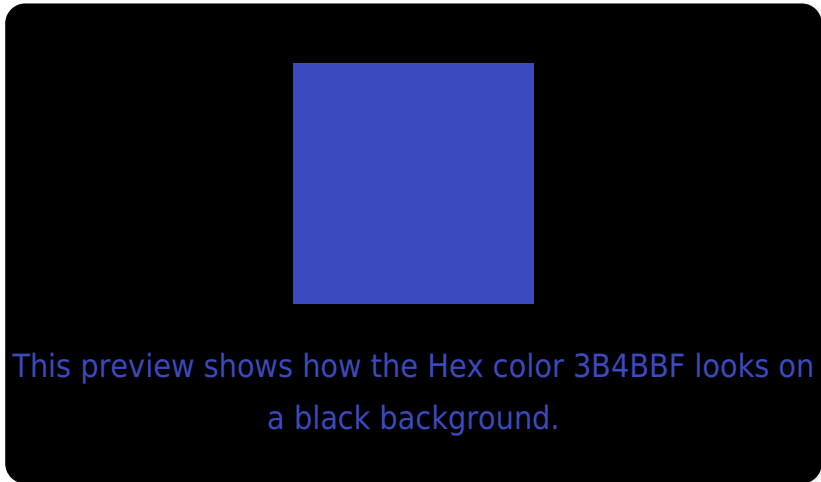
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

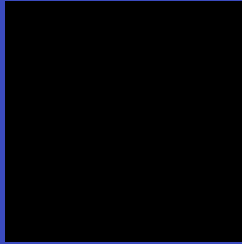
Any Text WCAG AA × Fail

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 3B4BBF Background



This preview shows how black text looks on a background with the Hex color 3B4BBF.



This preview shows how white text looks on a background with the Hex color 3B4BBF.

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



Original Color
3B4BBF

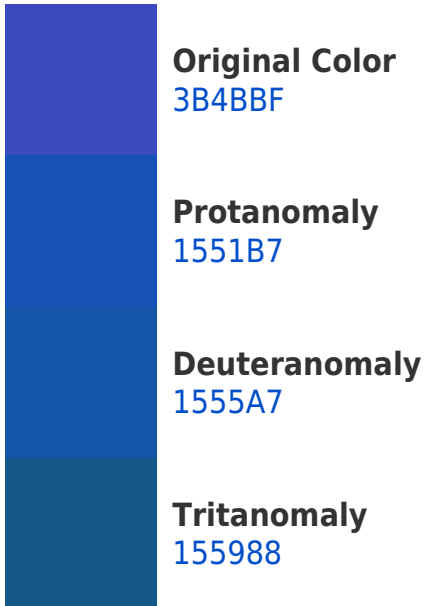
Protanopia
0054B3

Deuteranopia
005A9A



Tritanopia
006168

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4BBF 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 #3B4BBF looks like.

```
.text, #text, p{  
    color:#3B4BBF  
}
```

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 #3B4BBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4BBF
}
```

Border

The CSS property to change the border of an element to Hex 3B4BBF 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
#3B4BBF }
```

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

```
.border{ border-color:#3B4BBF }
```

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

Here you see how a box with a 4 pixel #3B4BBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4BBF; -webkit-box-shadow:4px 4px  
4px 4px #3B4BBF; box-shadow:4px 4px 4px  
4px #3B4BBF }
```

Background

The CSS property to change the background color of an element to Hex 3B4BBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4BBF }
```

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

```
.background{ background-color:#3B4BBF }
```

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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