

Converting Colors

Hex(3F46BA)

Have a look what the booklet for
Hex(3F46BA) contains.

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Color

Hex(3F46BA)

Conversions

Conversions Part 1

Format	Color
Hex	3F46BA
RGB	63, 70, 186
RGB Percent	25%, 27%, 73%
CMY	0.7529, 0.7255, 0.2706
CMYK	0.66, 0.62, 0.00, 0.27
HSL	237°, 49%, 49%
HSV	237°, 66%, 73%
XYZ	13.1030, 8.9822, 47.4975
YIQ	81.1310, -41.4080, 34.5920

Conversions

Conversions Part 2

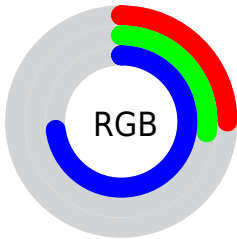
Format	Color
R_{YB}	63, 70, 186
Decimal	4146874
CIE _{Lab}	35.95, 34.37, -62.11
CIE _{LCh}	36, 70.988, 298.959
Yxy	8.9822, 0.1883, 0.1291
Android (android.graphics.Color)	4282336954 (0xFF3F46BA)
YUV	81.1310, 51.7004, -15.9009
Hunter-Lab	29.9704, 25.5915, -72.9844

Details

The Hex color **3F46BA** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **BAB33F**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7C77F3**, and **001B84** is the 20% darker color. If you saturate the color by 10%, you get **2C34BA**, and if you desaturate by 10%, it is **5258BA**.

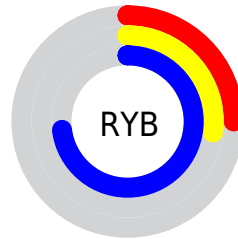
Distribution



Red (25%)

Green (27%)

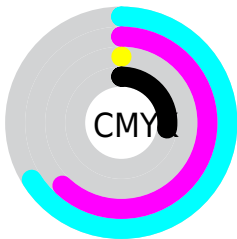
Blue (73%)



Red (25%)

Yellow (27%)

Blue (73%)

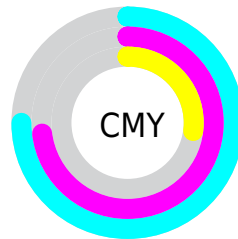


Cyan (66%)

Magenta (62%)

Yellow (0%)

Black (27%)



Cyan (75%)

Magenta (73%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F46BA 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 3F46BA by changing the saturation by 10% instead.

■ 3F46BA

■ 3F46BA

FFFFFF

■ 16309E

■ 7C77F3

■ 001B84

■ 9A90FF

■ 00076A

■ B7ABFF

■ 000051

■ D5C6FF

■ 000539

■ F3E2FF

■ 000222

■ 000008

■ 000000

■ 3F46BA

■ 3F46BA

■ 2C34BA

■ 5258BA

■ 1A23BA

■ 6469BA

■ 0711BA

■ 777BBA

■ 000BBA

■ 898CBA

■ 9C9EBA

■ AFAFBA

■ C1C1BA

■ D4D2BA

■ E6E4BA

Harmonies

Analogous

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



005DC9



3F46BA



941990

Triad

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



3F46BA



943700



006B51

Complementary

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



3F46BA



BAB33F

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.



00680F



3F46BA



6A5200

Square

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



3F46BA



AF0022



306100



006B8B

Rectangle

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



3F46BA



AC006C



306100



006A3D

Sweetspot

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



3F46BA



C2C5F2



3FBAB2



5D5F7A



FAFAFA



7A7A7A

Same Dimension

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



3F46BA



333EF2



743FBA



53535C



00099C



00021C

Inverse Universe

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



BA3F46



F2333E



85BA3F



5C5353



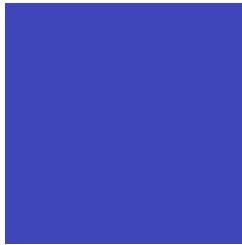
9C0009



1C0002

Previews

White Background



This preview shows how the Hex color 3F46BA looks on a white background.

Color Contrast Check

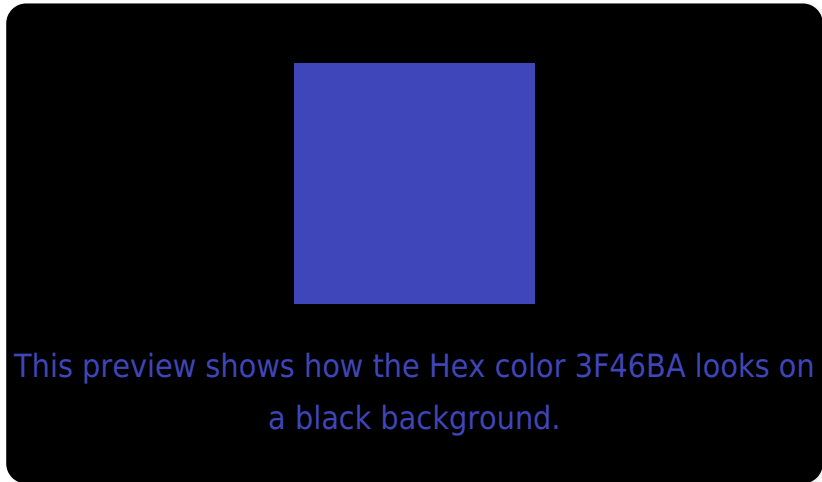
Large Text (above 18pt) WCAG AA ✓ Pass

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

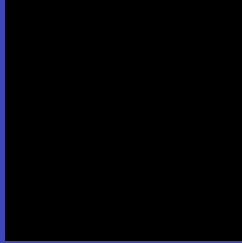
Any Text WCAG AA × Fail

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 3F46BA Background



This preview shows how black text looks on a background with the Hex color 3F46BA.

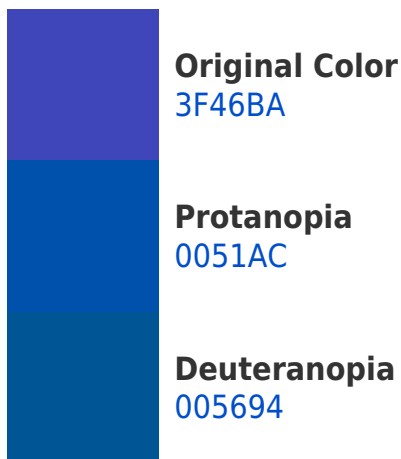


This preview shows how white text looks on a background with the Hex color 3F46BA.

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
005E65

Trichromacy



Original Color
3F46BA

Protanomaly
174DB1

Deuteranomaly
1750A2

Tritanomaly
175584

Monochromacy



Original Color
3F46BA

Achromatopsia
515151

Achromatomaly
4A4D77

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F46BA 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 #3F46BA looks like.

```
.text, #text, p{  
    color:#3F46BA  
}
```

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 #3F46BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F46BA
}
```

Border

The CSS property to change the border of an element to Hex 3F46BA 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
#3F46BA }
```

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

```
.border{ border-color:#3F46BA }
```

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

Here you see how a box with a 4 pixel #3F46BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F46BA; -webkit-box-shadow:4px 4px  
4px 4px #3F46BA; box-shadow:4px 4px 4px  
4px #3F46BA }
```

Background

The CSS property to change the background color of an element to Hex 3F46BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F46BA }
```

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

```
.background{ background-color:#3F46BA }
```

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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