

# Converting Colors

Hex(3845B5)

Have a look what the booklet for  
Hex(3845B5) contains.

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# Color

**Hex(3845B5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3845B5
RGB	56, 69, 181
RGB Percent	22%, 27%, 71%
CMY	0.7804, 0.7294, 0.2902
CMYK	0.69, 0.62, 0.00, 0.29
HSL	234°, 53%, 46%
HSV	234°, 69%, 71%
XYZ	12.0995, 8.4332, 44.7061
YIQ	77.8810, -43.7000, 32.0760

# Conversions

## Conversions Part 2

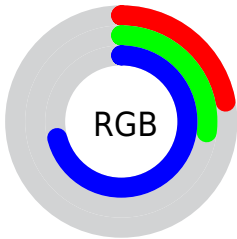
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 68, 181
Decimal	3687861
CIE <sub>Lab</sub>	34.87, 32.26, -60.94
CIE <sub>LCh</sub>	35, 68.956, 297.894
Yxy	8.4332, 0.1855, 0.1293
Android (android.graphics.Color)	4281877941 (0xFF3845B5)
YUV	77.8810, 50.8377, -19.1896
Hunter-Lab	29.0400, 23.5521, -70.9471

# Details

The Hex color **3845B5** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B5A838**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7675EE**, and **001A7F** is the 20% darker color. If you saturate the color by 10%, you get **2635B5**, and if you desaturate by 10%, it is **4A55B5**.

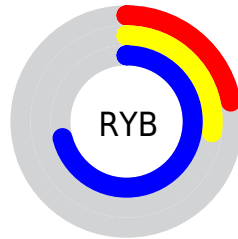
# Distribution



Red (22%)

Green (27%)

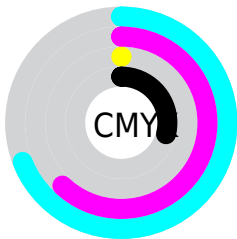
Blue (71%)



Red (22%)

Yellow (27%)

Blue (71%)

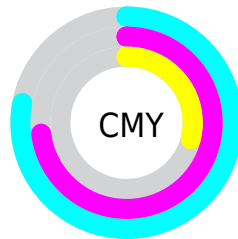


Cyan (69%)

Magenta (62%)

Yellow (0%)

Black (29%)



Cyan (78%)

Magenta (73%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3845B5 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 3845B5 by changing the saturation by 10% instead.



 3845B5

 3845B5

FFFFFF

 062F9A

 7675EE

 001A7F

 948FFF

 000665

 B1A9FF

 00024C

 CEC5FF

 000535

 ECE1FF

 00021E

 FFFDFF

 000001

 000000

 3845B5

 3845B5

■ 2635B5

■ 4A55B5

■ 1425B5

■ 5C65B5

■ 0214B5

■ 6E76B5

■ 0013B5

■ 8086B5

■ 9396B5

■ A5A6B5

■ B7B7B5

■ C9C7B5

■ DBD7B5

# Harmonies

## Analogous

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



005BC2



3845B5



8D1C8E

# Triad

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



3845B5



913400



00674C

# Complementary

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



3845B5



B5A838

# 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.



00640C



3845B5



684F00

# Square

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



3845B5



AA0023



325D00



006885

# Rectangle

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



3845B5



A5006B



325D00



006739



# Sweetspot

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



3845B5



B9BEEB



38B5A6



585B75



F5F5F5



757575



# Same Dimension

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



3845B5



283CEB



6838B5



505159



001099



00031A



# Inverse Universe

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



B53845



EB283C



85B538



595051



990010

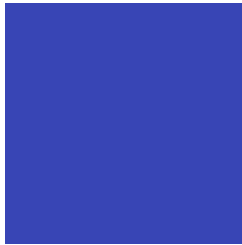


1A0003



# Previews

## White Background



This preview shows how the Hex color 3845B5 looks on a white background.

## Color Contrast Check

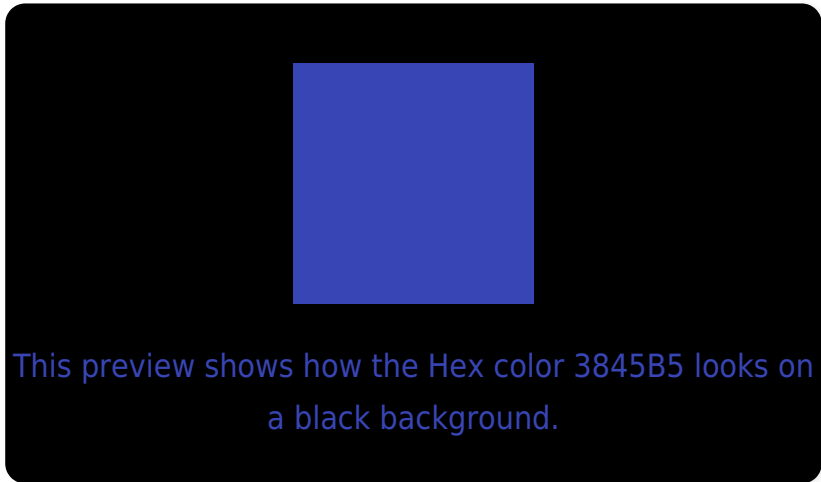
Large Text (above 18pt) WCAG AA ✓ Pass

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

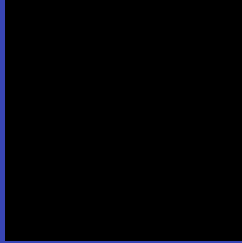
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3845B5 Background



This preview shows how black text looks on a background with the Hex color 3845B5.

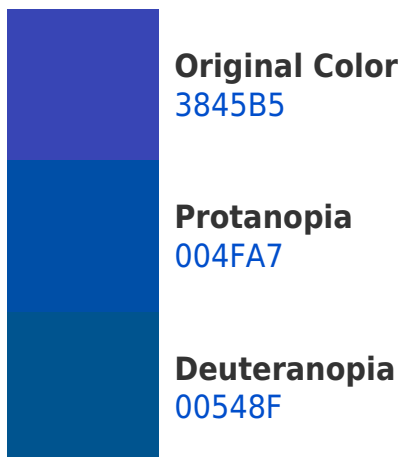


This preview shows how white text looks on a background with the Hex color 3845B5.

# 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](#).

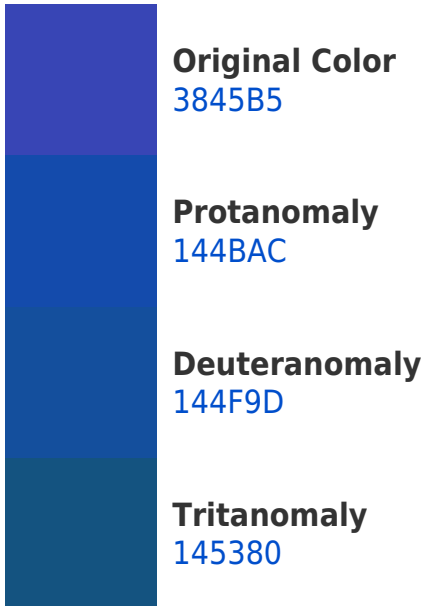
## Dichromacy





**Tritanopia**  
005B61

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3845B5 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 #3845B5 looks like.

```
.text, #text, p{  
    color:#3845B5  
}
```

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 #3845B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3845B5
}
```

## Border

The CSS property to change the border of an element to Hex 3845B5 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
#3845B5 }
```

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

```
.border{ border-color:#3845B5 }
```

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

Here you see how a box with a 4 pixel #3845B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3845B5; -webkit-box-shadow:4px 4px  
4px 4px #3845B5; box-shadow:4px 4px 4px  
4px #3845B5 }
```

# Background

The CSS property to change the background color of an element to Hex 3845B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3845B5 }
```

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

```
.background{ background-color:#3845B5 }
```

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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