

Converting Colors

Hex(3843B0)

Have a look what the booklet for
Hex(3843B0) contains.

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Color

Hex(3843B0)

Conversions

Conversions Part 1

Format	Color
Hex	3843B0
RGB	56, 67, 176
RGB Percent	22%, 26%, 69%
CMY	0.7804, 0.7373, 0.3098
CMYK	0.68, 0.62, 0.00, 0.31
HSL	234°, 52%, 45%
HSV	234°, 68%, 69%
XYZ	11.4745, 7.9897, 42.0117
YIQ	76.1370, -41.5450, 31.5670

Conversions

Conversions Part 2

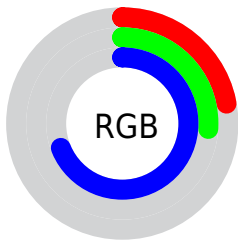
Format	Color
RYB	56, 66, 176
Decimal	3687344
CIELab	33.96, 31.77, -59.46
CIElCh	34, 67.415, 298.112
Yxy	7.9897, 0.1867, 0.1300
Android (android.graphics.Color)	4281877424 (0xFF3843B0)
YUV	76.1370, 49.2325, -17.6601
Hunter-Lab	28.2660, 22.9963, -68.3365

Details

The Hex color **3843B0** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B0A538**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7573E9**, and **00187A** is the 20% darker color. If you saturate the color by 10%, you get **2633B0**, and if you desaturate by 10%, it is **4A53B0**.

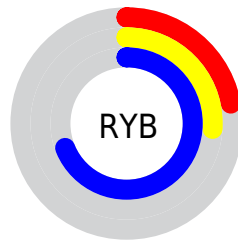
Distribution



Red (22%)

Green (26%)

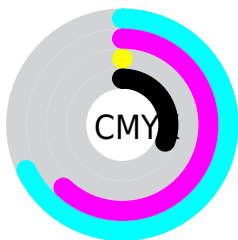
Blue (69%)



Red (22%)

Yellow (26%)

Blue (69%)

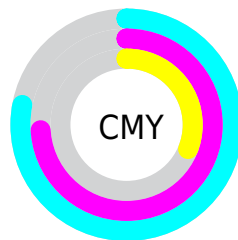


Cyan (68%)

Magenta (62%)

Yellow (0%)

Black (31%)



Cyan (78%)

Magenta (74%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3843B0 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 3843B0 by changing the saturation by 10% instead.

 3843B0

 3843B0


FFFFFF

 092D95

 7573E9

 00187A

 928DFF

 000361

 B0A7FF

 000448

 CDC2FF

 000431

 EBDEFF

 00011B

 FFFBFF

 000000

 3843B0

 3843B0

 2633B0

 4A53B0

■ 1523B0

■ 5B63B0

■ 0313B0

■ 6D73B0

■ 0010B0

■ 7E83B0

■ 9093B0

■ A2A3B0

■ B3B3B0

■ C5C3B0

■ D6D3B0

Harmonies

Analogous

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



0059BD



3843B0



8A1B89

Triad

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



3843B0



8D3300



00654B

Complementary

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



3843B0



B0A538

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.



00620D



3843B0



654D00

Square

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



3843B0



A50022



305B00



006581

Rectangle

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



3843B0



A10068



305B00



006438

Sweetspot

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



3843B0



B8BCE6



38B0A4



575A73



F2F2F2



737373

Same Dimension

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



3843B0



293BE6



6838B0



505159



000E99



00021A

Inverse Universe

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



B03843



E6293B



80B038



595051



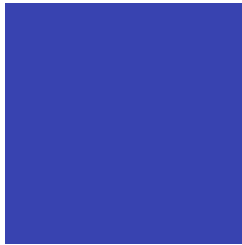
99000E



1A0002

Previews

White Background



This preview shows how the Hex color 3843B0 looks on a white background.

Color Contrast Check

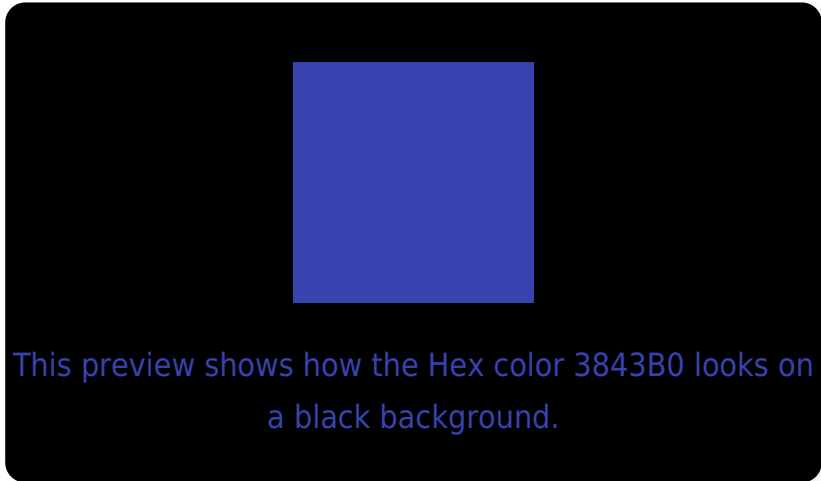
Large Text (above 18pt) WCAG AA ✓ Pass

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

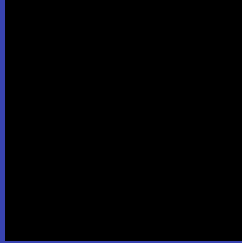
Any Text WCAG AA × Fail

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 3843B0 Background



This preview shows how black text looks on a background with the Hex color 3843B0.

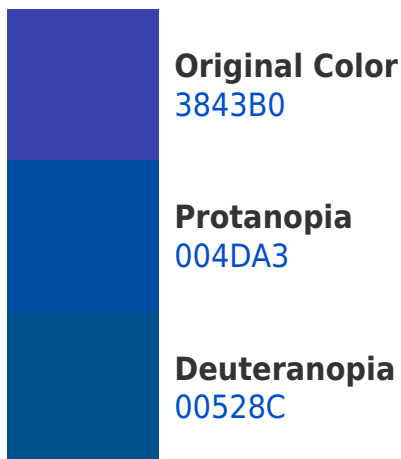


This preview shows how white text looks on a background with the Hex color 3843B0.

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
00585F

Trichromacy



Original Color
3843B0

Protanomaly
1449A8

Deuteranomaly
144D99

Tritanomaly
14507C

Monochromacy



Original Color
3843B0

Achromatopsia
4C4C4C

Achromatomaly
454970

CSS Examples

Text

The CSS property to change the color of the text to Hex 3843B0 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 #3843B0 looks like.

```
.text, #text, p{  
    color:#3843B0  
}
```

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 #3843B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3843B0
}
```

Border

The CSS property to change the border of an element to Hex 3843B0 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
#3843B0 }
```

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

```
.border{ border-color:#3843B0 }
```

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

Here you see how a box with a 4 pixel #3843B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3843B0; -webkit-box-shadow:4px 4px  
4px 4px #3843B0; box-shadow:4px 4px 4px  
4px #3843B0 }
```

Background

The CSS property to change the background color of an element to Hex 3843B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3843B0 }
```

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

```
.background{ background-color:#3843B0 }
```

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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