

Converting Colors

Hex(3847AC)

Have a look what the booklet for
Hex(3847AC) contains.

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Color

Hex(3847AC)

Conversions

Conversions Part 1

Format	Color
Hex	3847AC
RGB	56, 71, 172
RGB Percent	22%, 28%, 67%
CMY	0.7804, 0.7216, 0.3255
CMYK	0.67, 0.59, 0.00, 0.33
HSL	232°, 51%, 45%
HSV	232°, 67%, 67%
XYZ	11.3305, 8.3258, 40.0396
YIQ	78.0290, -41.3610, 28.2310

Conversions

Conversions Part 2

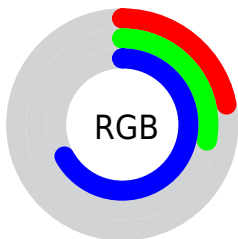
Format	Color
R_{YB}	56, 69, 172
Decimal	3688364
CIE _{Lab}	34.65, 27.75, -55.96
CIE _{LCh}	35, 62.458, 296.378
Yxy	8.3258, 0.1898, 0.1395
Android (android.graphics.Color)	4281878444 (0xFF3847AC)
YUV	78.0290, 46.3277, -19.3194
Hunter-Lab	28.8544, 19.5978, -62.0751

Details

The Hex color **3847AC** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **AC9D38**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7477E4**, and **001C77** is the 20% darker color. If you saturate the color by 10%, you get **2738AC**, and if you desaturate by 10%, it is **4956AC**.

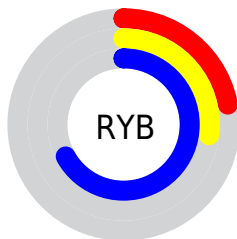
Distribution



 Red (22%)

 Green (28%)

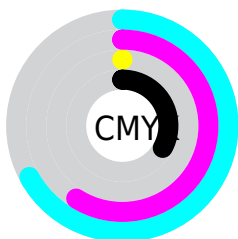
 Blue (67%)





 Red (22%)

 Yellow (27%)

 Blue (67%)

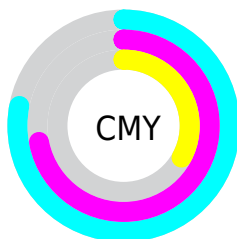


 Cyan (67%)

 Magenta (59%)

 Yellow (0%)

 Black (33%)



 Cyan (78%)

 Magenta (72%)

 Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3847AC 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 3847AC by changing the saturation by 10% instead.

■ 3847AC

■ 3847AC

FFFFFF

■ 0D3191

■ 7477E4

■ 001C77

■ 9191FF

■ 00075D

■ AEABFF

■ 000445

■ CBC7FF

■ 00032D

■ E9E3FF

■ 000118

■ 000000

■ 3847AC

■ 3847AC

■ 2738AC

■ 4956AC

■ 1629AC

■ 5A65AC

■ 041AAC

■ 6C74AC

■ 0016AC

■ 7D83AC

■ 8E92AC

■ 9FA1AC

■ B0B0AC

■ C2BFAC

■ D3CEAC

Harmonies

Analogous

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



005AB6



3847AC



852889

Triad

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



3847AC



8D3600



00654A

Complementary

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



3847AC



AC9D38

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.



006212



3847AC



694E00

Square

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



3847AC



A31029



395B00



00667D

Rectangle

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



3847AC



9D076A



395B00



006538

Sweetspot

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



3847AC



B4B9E0



38AC9D



555970



F0F0F0



707070

Same Dimension

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



3847AC



2B42E0



6338AC



4E4F57



001396



000317

Inverse Universe

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



AC3847



E02B42



81AC38



574E4F



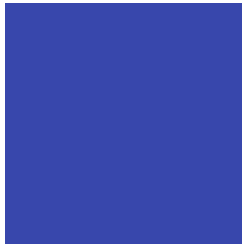
960013



170003

Previews

White Background



This preview shows how the Hex color 3847AC looks on a white background.

Color Contrast Check

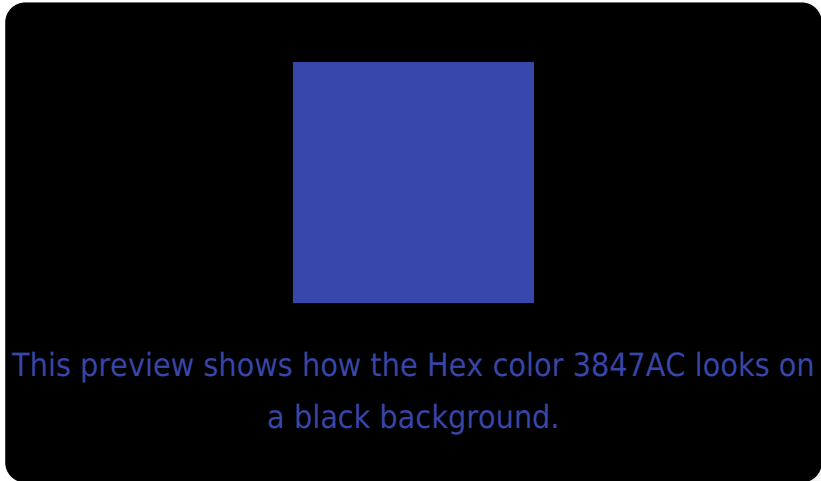
Large Text (above 18pt) WCAG AA ✓ Pass

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

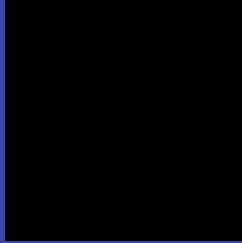
Any Text WCAG AA × Fail

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 3847AC Background



This preview shows how black text looks on a background with the Hex color 3847AC.



This preview shows how white text looks on a background with the Hex color 3847AC.

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
3847AC

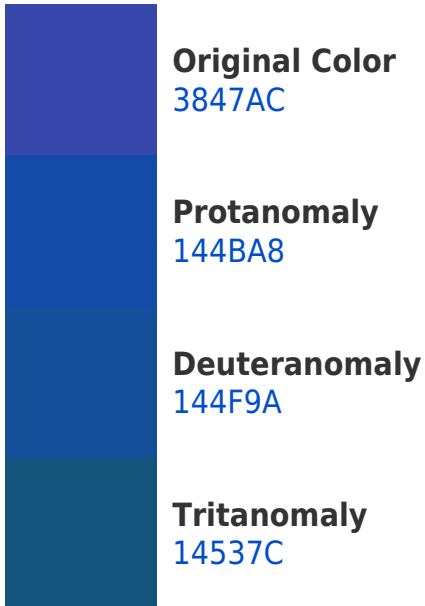
Protanopia
004EA6

Deuteranopia
00538F



Tritanopia
005A61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3847AC 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 #3847AC looks like.

```
.text, #text, p{  
    color:#3847AC  
}
```

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 #3847AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3847AC }  
}
```

Border

The CSS property to change the border of an element to Hex 3847AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

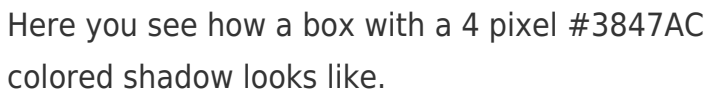
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #3847AC }  
}
```

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

```
.border{ border-color:#3847AC }
```

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



Here you see how a box with a 4 pixel #3847AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3847AC; -webkit-box-shadow:4px 4px  
4px 4px #3847AC; box-shadow:4px 4px 4px  
4px #3847AC }
```

Background

The CSS property to change the background color of an element to Hex 3847AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3847AC }
```

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

```
.background{ background-color:#3847AC }
```

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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