

Converting Colors

Hex(3833C2)

Have a look what the booklet for
Hex(3833C2) contains.

Hex(3833C2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(3833C2)

Conversions

Conversions Part 1

Format	Color
Hex	3833C2
RGB	56, 51, 194
RGB Percent	22%, 20%, 76%
CMY	0.7804, 0.8000, 0.2392
CMYK	0.71, 0.74, 0.00, 0.24
HSL	242°, 58%, 48%
HSV	242°, 74%, 76%
XYZ	12.5523, 7.1034, 51.7485
YIQ	68.7970, -42.9230, 45.5330

Conversions

Conversions Part 2

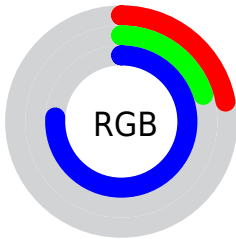
Format	Color
R_{YB}	56, 51, 194
Decimal	3683266
CIE _{Lab}	32.04, 47.55, -73.25
CIE _{LCh}	32, 87.328, 302.990
Yxy	7.1034, 0.1758, 0.0995
Android (android.graphics.Color)	4281873346 (0xFF3833C2)
YUV	68.7970, 61.7251, -11.2230
Hunter-Lab	26.6523, 37.4259, -96.4617

Details

The Hex color **3833C2** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **BDC233**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **7A63FC**, and **00058B** is the 20% darker color. If you saturate the color by 10%, you get **2520C2**, and if you desaturate by 10%, it is **4B46C2**.

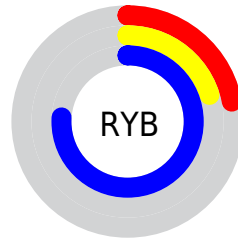
Distribution



Red (22%)

Green (20%)

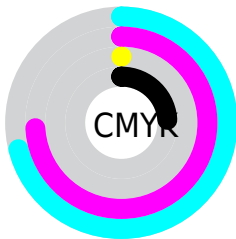
Blue (76%)



Red (22%)

Yellow (20%)

Blue (76%)

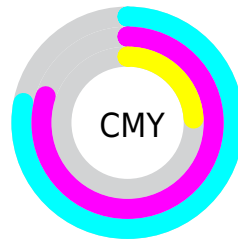


Cyan (71%)

Magenta (74%)

Yellow (0%)

Black (24%)



Cyan (78%)

Magenta (80%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3833C2 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 3833C2 by changing the saturation by 10% instead.

 3833C2

 3833C2


FFFFFF

 001CA6


 7A63FC

 00058B

 997DFF

 000071

 B797FF

 000257

 D5B2FF


 00063F

 F4CEFF

 000328

 FFE8FF

 000111

 000000

 3833C2

 3833C2

■ 2520C2

■ 4B46C2

■ 130CC2

■ 5D5AC2

■ 0700C2

■ 706DC2

■ 8381C2

■ 9694C2

■ A8A7C2

■ BBBBC2

■ CECEC2

■ E0E2C2

Harmonies

Analogous

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



0055D9



3833C2



9D008B

Triad

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



3833C2



8C2900



006351

Complementary

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



3833C2



BDC233

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.



006000



3833C2



574C00

Square

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



3833C2



AF0002



005A00



006496

Rectangle

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



3833C2



B5005F



005A00



006239

Sweetspot

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



3833C2



C7C5FC



33BDC2



605E80



000000



808080

Same Dimension

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



3833C2



261EFC



7F33C2



585761



0600A1



010021

Inverse Universe

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



C233BD



FC1EF5



76C233



615761



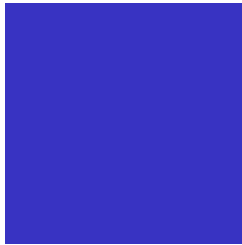
A1009B



210020

Previews

White Background



This preview shows how the Hex color 3833C2 looks on a white background.

Color Contrast Check

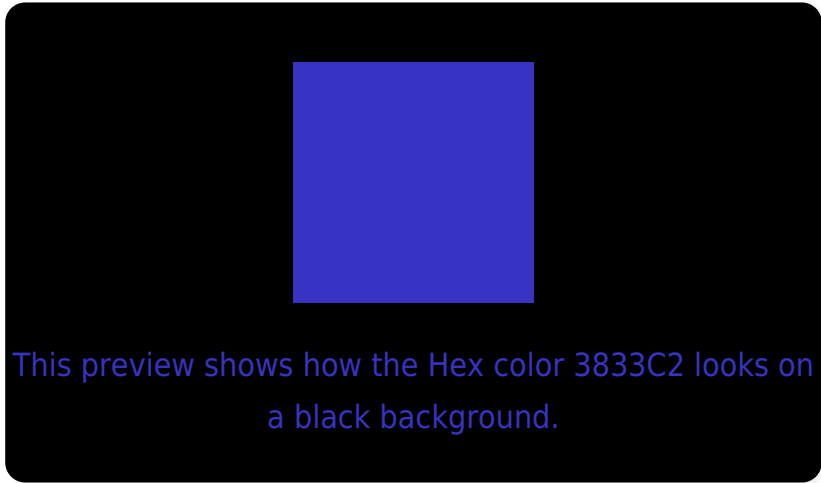
Large Text (above 18pt) WCAG AA ✓ Pass

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 3833C2 Background



This preview shows how black text looks on a background with the Hex color 3833C2.



This preview shows how white text looks on a background with the Hex color 3833C2.

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
3833C2

Protanopia
004899

Deuteranopia
004D82

Trichromacy



Original Color
3833C2

Protanomaly
1440A8

Deuteranomaly
144499

Monochromacy



Original Color
3833C2

Achromatopsia
454545

Achromatomaly
403E72

CSS Examples

Text

The CSS property to change the color of the text to Hex 3833C2 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 #3833C2 looks like.

```
.text, #text, p{  
    color:#3833C2  
}
```

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 #3833C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3833C2
}
```

Border

The CSS property to change the border of an element to Hex 3833C2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

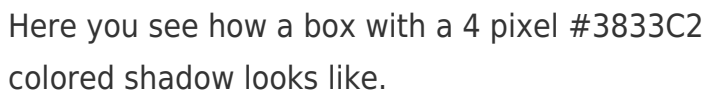
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3833C2 }
```

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

```
.border{ border-color:#3833C2 }
```

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



Here you see how a box with a 4 pixel #3833C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3833C2; -webkit-box-shadow:4px 4px  
4px 4px #3833C2; box-shadow:4px 4px 4px  
4px #3833C2 }
```

Background

The CSS property to change the background color of an element to Hex 3833C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3833C2 }
```

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

```
.background{ background-color:#3833C2 }
```

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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