

Converting Colors

Hex(3838C0)

Have a look what the booklet for
Hex(3838C0) contains.

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Color

Hex(3838C0)

Conversions

Conversions Part 1

Format	Color
Hex	3838C0
RGB	56, 56, 192
RGB Percent	22%, 22%, 75%
CMY	0.7804, 0.7804, 0.2471
CMYK	0.71, 0.71, 0.00, 0.25
HSL	240°, 55%, 49%
HSV	240°, 71%, 75%
XYZ	12.5595, 7.4749, 50.6500
YIQ	71.5040, -43.6560, 42.2960

Conversions

Conversions Part 2

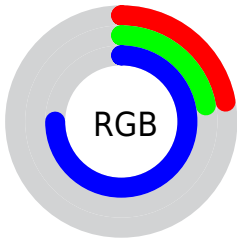
Format	Color
R _{YB}	56, 56, 192
Decimal	3684544
CIE Lab	32.86, 44.05, -70.72
CIE LCh	33, 83.314, 301.919
Yxy	7.4749, 0.1777, 0.1057
Android (android.graphics.Color)	4281874624 (0xFF3838C0)
YUV	71.5040, 59.4045, -13.5970
Hunter-Lab	27.3402, 34.1536, -90.7015

Details

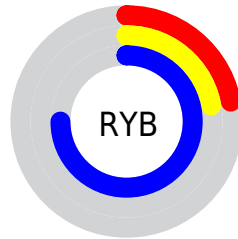
The Hex color **3838C0** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **C0C038**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7A68FA**, and **000C89** is the 20% darker color. If you saturate the color by 10%, you get **2525C0**, and if you desaturate by 10%, it is **4B4BC0**.

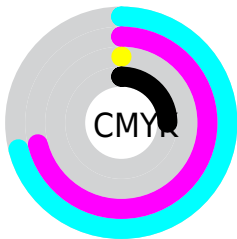
Distribution



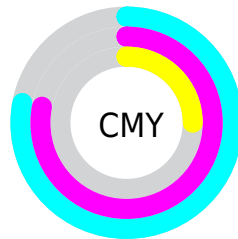
- Red (22%)
- Green (22%)
- Blue (75%)



- Red (22%)
- Yellow (22%)
- Blue (75%)



- Cyan (71%)
- Magenta (71%)
- Yellow (0%)
- Black (25%)



- Cyan (78%)
- Magenta (78%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3838C0 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 3838C0 by changing the saturation by 10% instead.

 3838C0

 3838C0


FFFFFF

 0021A4

 7A68FA

 000C89

 9882FF

 00006F

 B69CFF

 000155

 D4B7FF

 00063D

 F2D3FF

 000326

 FFF0FF

 00010F

 000000

 3838C0

 3838C0

■ 2525C0

■ 4B4BC0

■ 1212C0

■ 5E5EC0

■ 0000C0

■ 7272C0

■ 8585C0

■ 9898C0

■ ABABC0

■ BEBEC0

■ D2D2C0

■ E5E5C0

Harmonies

Analogous

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



0057D5



3838C0



9A008D

Triad

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



3838C0



8E2C00



006450

Complementary

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



3838C0



C0C038

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.



006200



3838C0



5C4D00

Square

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



3838C0



AF000B



005C00



006693

Rectangle

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



3838C0



B20062



005C00



006439

Sweetspot

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



3838C0



C5C5FA



38C0C0



5E5E7D



FCFCFC



7D7D7D

Same Dimension

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



3838C0



2525FA



7C38C0



575761



0000A1



000021

Inverse Universe

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



C038C0



FA25FA



7CC038



615761



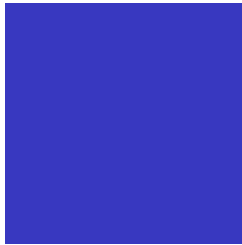
A100A1



210021

Previews

White Background



This preview shows how the Hex color 3838C0 looks on a white background.

Color Contrast Check

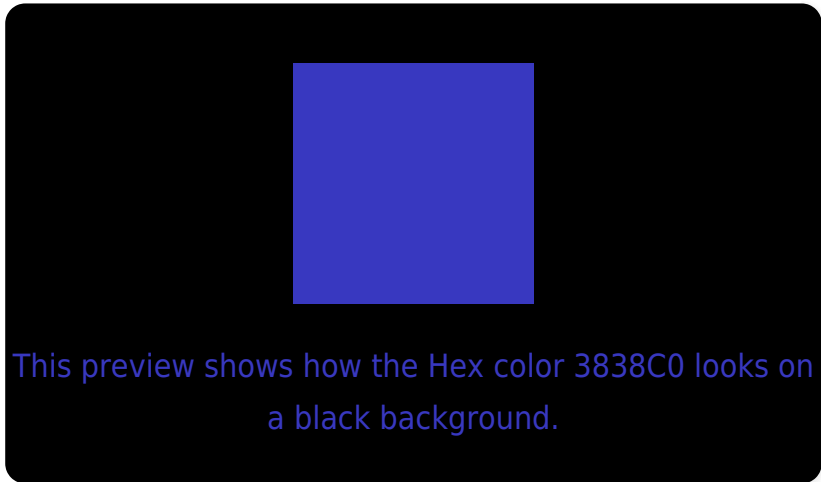
Large Text (above 18pt) WCAG AA ✓ Pass

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

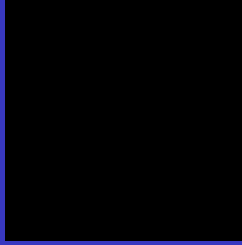
Any Text WCAG AA × Fail

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 3838C0 Background



This preview shows how black text looks on a background with the Hex color 3838C0.

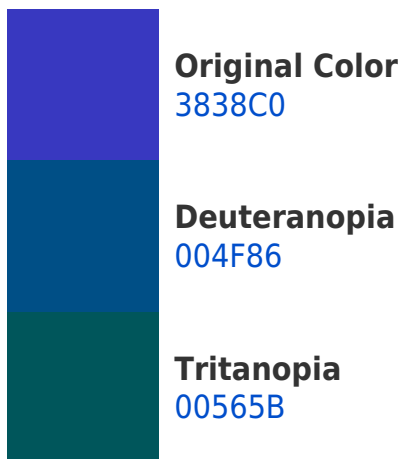


This preview shows how white text looks on a background with the Hex color 3838C0.

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



Trichromacy



Original Color
3838C0

Deuteranomaly
14479B

Tritanomaly
144B80

Monochromacy



Original Color
3838C0

Achromatopsia
484848

Achromatomaly
424274

CSS Examples

Text

The CSS property to change the color of the text to Hex 3838C0 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 #3838C0 looks like.

```
.text, #text, p{  
    color:#3838C0  
}
```

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 #3838C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3838C0
}
```

Border

The CSS property to change the border of an element to Hex 3838C0 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
#3838C0 }
```

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

```
.border{ border-color:#3838C0 }
```

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

Here you see how a box with a 4 pixel #3838C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3838C0; -webkit-box-shadow:4px 4px  
4px 4px #3838C0; box-shadow:4px 4px 4px  
4px #3838C0 }
```

Background

The CSS property to change the background color of an element to Hex 3838C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3838C0 }
```

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

```
.background{ background-color:#3838C0 }
```

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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