

Converting Colors

Hex(0438C2)

Have a look what the booklet for
Hex(0438C2) contains.

Hex(0438C2)	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>	29

Color

Hex(0438C2)

Conversions

Conversions Part 1

Format	Color
Hex	0438C2
RGB	4, 56, 194
RGB Percent	2%, 22%, 76%
CMY	0.9843, 0.7804, 0.2392
CMYK	0.98, 0.71, 0.00, 0.24
HSL	224°, 96%, 39%
HSV	224°, 98%, 76%
XYZ	11.2018, 6.7492, 51.7513
YIQ	56.1840, -75.2900, 31.8940

Conversions

Conversions Part 2

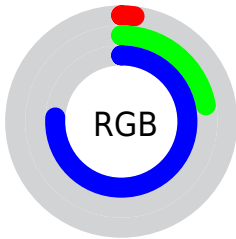
Format	Color
RYB	4, 45, 194
Decimal	276674
CIELab	31.23, 41.57, -74.65
CIELCh	31, 85.446, 299.111
Yxy	6.7492, 0.1607, 0.0968
Android (android.graphics.Color)	4278466754 (0xFF0438C2)
YUV	56.1840, 67.9433, -45.7654
Hunter-Lab	25.9792, 31.5029, -99.9217

Details

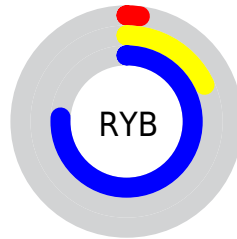
The Hex color **0438C2** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **C28E04**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6467FC**, and **000F8B** is the 20% darker color. If you saturate the color by 10%, you get **0035C2**, and if you desaturate by 10%, it is **1746C2**.

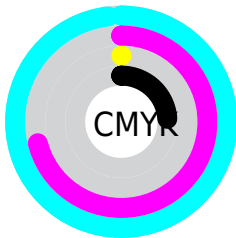
Distribution



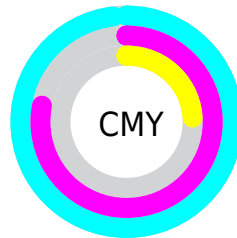
- Red (2%)
- Green (22%)
- Blue (76%)



- Red (2%)
- Yellow (18%)
- Blue (76%)



- Cyan (98%)
- Magenta (71%)
- Yellow (0%)
- Black (24%)



- Cyan (98%)
- Magenta (78%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0438C2 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 0438C2 by changing the saturation by 10% instead.

■ 0438C2

■ 0438C2

FFFFFF

■ 0022A6

■ 6467FC

■ 000F8B

■ 8480FF

■ 000071

■ A39BFF

■ 000957

■ C2B5FF

■ 00063F

■ E1D1FF

■ 000328

■ FFEDFF

■ 000111

■ 000000

■ 0438C2

■ 0438C2

■ 0035C2

■ 1746C2

■ 2B54C2

■ 3E62C2

■ 5270C2

■ 657EC2

■ 788DC2

■ 8C9BC2

■ 9FA9C2

■ B3B7C2

Harmonies

Analogous

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



0055D4



0438C2



920090

Triad

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



0438C2



8E2100



006046

Complementary

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



0438C2



C28E04

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.



005D00



0438C2



5C4700

Square

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



0438C2



AE000E



035700



00628A

Rectangle

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



0438C2



AD0065



035700



005F2E

Sweetspot

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



0438C2



B3C7FC



04C28C



535F80



000000



808080

Same Dimension

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



0438C2



0045FC



2D04C2



575A61



002CA1



000921

Inverse Universe

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



C20438



FC0045



99C204



61575A



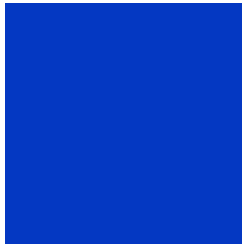
A1002C



210009

Previews

White Background



This preview shows how the Hex color 0438C2 looks on a white background.

Color Contrast Check

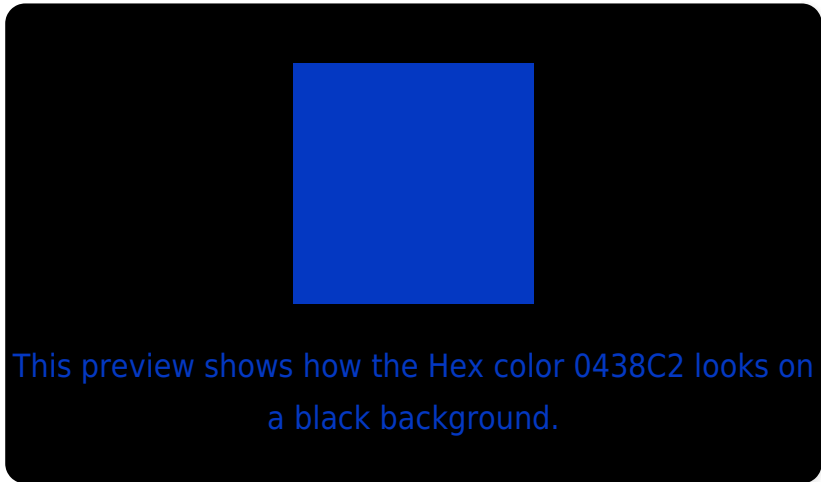
Large Text (above 18pt) WCAG AA ✓ Pass

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

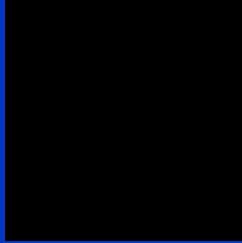
Any Text WCAG AA × Fail

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 0438C2 Background



This preview shows how black text looks on a background with the Hex color 0438C2.



This preview shows how white text looks on a background with the Hex color 0438C2.

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
0438C2

Protanopia
004795

Deuteranopia
004C7F

Trichromacy



Original Color
0438C2

Protanomaly
0142A5

Deuteranomaly
014597

Tritanomaly
01497D

Monochromacy



Original Color
0438C2

Achromatopsia
383838

Achromatomaly
25386A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0438C2 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 #0438C2 looks like.

```
.text, #text, p{  
    color:#0438C2  
}
```

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 #0438C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0438C2
}
```

Border

The CSS property to change the border of an element to Hex 0438C2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

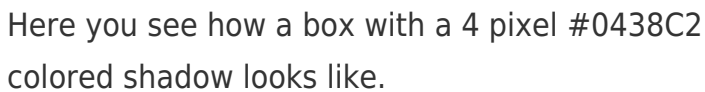
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0438C2 }
```

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

```
.border{ border-color:#0438C2 }
```

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



Here you see how a box with a 4 pixel #0438C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0438C2; -webkit-box-shadow:4px 4px  
4px 4px #0438C2; box-shadow:4px 4px 4px  
4px #0438C2 }
```

Background

The CSS property to change the background color of an element to Hex 0438C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0438C2 }
```

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

```
.background{ background-color:#0438C2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor