

Converting Colors

Hex(0438BE)

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

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Color

Hex(0438BE)

Conversions

Conversions Part 1

Format	Color
Hex	0438BE
RGB	4, 56, 190
RGB Percent	2%, 22%, 75%
CMY	0.9843, 0.7804, 0.2549
CMYK	0.98, 0.71, 0.00, 0.25
HSL	223°, 96%, 38%
HSV	223°, 98%, 75%
XYZ	10.7585, 6.5719, 49.4167
YIQ	55.7280, -74.0060, 30.6500

Conversions

Conversions Part 2

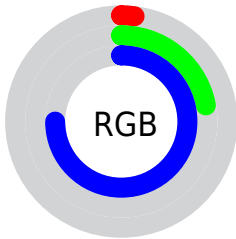
Format	Color
RYB	4, 45, 190
Decimal	276670
CIELab	30.81, 40.09, -72.99
CIELCh	31, 83.274, 298.779
Yxy	6.5719, 0.1612, 0.0985
Android (android.graphics.Color)	4278466750 (0xFF0438BE)
YUV	55.7280, 66.1961, -45.3655
Hunter-Lab	25.6356, 30.0487, -96.3457

Details

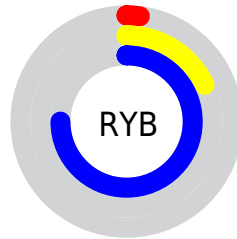
The Hex color **0438BE** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **BE8A04**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **6367F8**, and **000F87** is the 20% darker color. If you saturate the color by 10%, you get **0035BE**, and if you desaturate by 10%, it is **1746BE**.

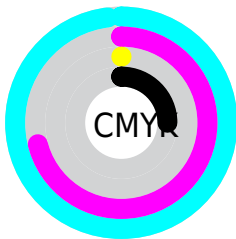
Distribution



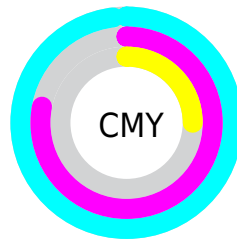
- Red (2%)
- Green (22%)
- Blue (75%)



- Red (2%)
- Yellow (18%)
- Blue (75%)



- Cyan (98%)
- Magenta (71%)
- Yellow (0%)
- Black (25%)



- Cyan (98%)
- Magenta (78%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 0438BE

 0438BE

FFFFFF

 0023A2

 6367F8

 000F87

 8380FF

 00006D

 A19AFF

 000B53

 C0B5FF

 00063B

 DFD1FF

 000225

 FDEDFD

 00010D

 000000

 0438BE

 0438BE

■ 0035BE

■ 1746BE

■ 2A53BE

■ 3D61BE

■ 506FBE

■ 637CBE

■ 768ABE

■ 8998BE

■ 9CA6BE

■ AFB3BE

Harmonies

Analogous

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



0054CF



0438BE



8E008E

Triad

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



0438BE



8C2100



005F44

Complementary

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



0438BE



BE8A04

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.



005C00



0438BE



5C4600

Square

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



0438BE



AB0010



0A5600



006087

Rectangle

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



0438BE



A90064



0A5600



005E2D

Sweetspot

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



0438BE



B0C4F7



04BE89



515D7D



FCFCFC



7D7D7D

Same Dimension

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



0438BE



0045F7



2C04BE



55585E



002C9E



00091F

Inverse Universe

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



BE0438



F70045



96BE04



5E5558



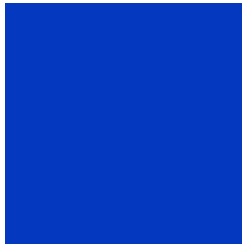
9E002C



1F0009

Previews

White Background



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

Color Contrast Check

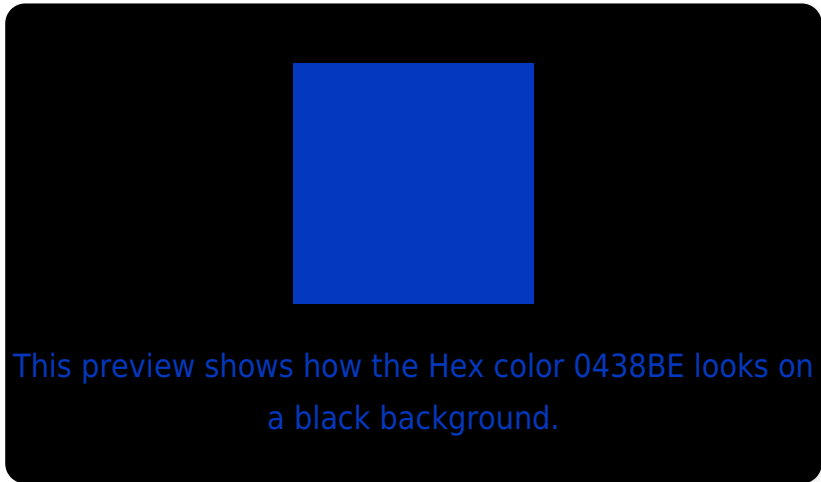
Large Text (above 18pt) WCAG AA ✓ Pass

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

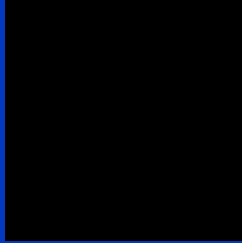
Any Text WCAG AA × Fail

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 0438BE Background



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



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

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
0438BE

Protanopia
004694

Deuteranopia
004B7E

Trichromacy



Original Color
0438BE

Protanomaly
0141A3

Deuteranomaly
014495

Tritanomaly
01487B

Monochromacy



Original Color
0438BE

Achromatopsia
383838

Achromatomaly
253869

CSS Examples

Text

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

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

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 #0438BE colored shadow looks like.

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

Border

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

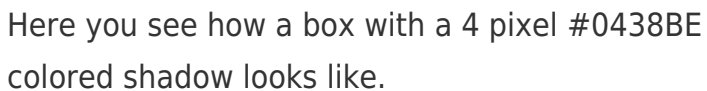
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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