

Converting Colors

Hex(403CB8)

Have a look what the booklet for
Hex(403CB8) contains.

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Color

Hex(403CB8)

Conversions

Conversions Part 1

Format	Color
Hex	403CB8
RGB	64, 60, 184
RGB Percent	25%, 24%, 72%
CMY	0.7490, 0.7647, 0.2784
CMYK	0.65, 0.67, 0.00, 0.28
HSL	242°, 51%, 48%
HSV	242°, 67%, 72%
XYZ	12.3819, 7.7824, 46.1970
YIQ	75.3320, -37.4200, 39.4120

Conversions

Conversions Part 2

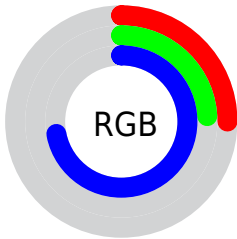
Format	Color
R _Y B	64, 60, 184
Decimal	4209848
CIE Lab	33.53, 39.99, -64.90
CIE LCh	34, 76.230, 301.645
Yxy	7.7824, 0.1866, 0.1173
Android (android.graphics.Color)	4282399928 (0xFF403CB8)
YUV	75.3320, 53.5733, -9.9382
Hunter-Lab	27.8969, 30.4068, -78.6555

Details

The Hex color **403CB8** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B4B83C**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7D6CF1**, and **001082** is the 20% darker color. If you saturate the color by 10%, you get **2E2AB8**, and if you desaturate by 10%, it is **524EB8**.

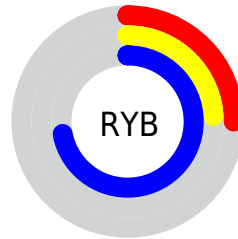
Distribution



Red (25%)

Green (24%)

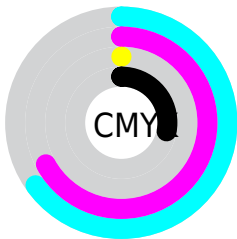
Blue (72%)



Red (25%)

Yellow (24%)

Blue (72%)

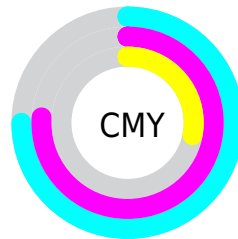


Cyan (65%)

Magenta (67%)

Yellow (0%)

Black (28%)



Cyan (75%)

Magenta (76%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 403CB8 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 403CB8 by changing the saturation by 10% instead.



403CB8



403CB8

FFFFFF



17259C



7D6CF1



001082



9B86FF



000068



B8A0FF



00014F



D6BBFF



000537



F4D7FF



000220



FFF4FF



000005



000000



403CB8



403CB8

■ 2E2AB8

■ 524EB8

■ 1C17B8

■ 6461B8

■ 0B05B8

■ 7573B8

■ 0600B8

■ 8786B8

■ 9998B8

■ ABAAB8

■ BDBDB8

■ CECFB8

■ E0E2B8

Harmonies

Analogous

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



0057CB



403CB8



950089

Triad

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



403CB8



8C3200



006551

Complementary

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



403CB8



B4B83C

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.



006308



403CB8



5E4E00

Square

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



403CB8



AB0013



185C00



00668E

Rectangle

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



403CB8



AC0063



185C00



00653B

Sweetspot

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



403CB8



C1C0F0



3CB6B8



5C5B78



F7F7F7



787878

Same Dimension

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



403CB8



342EF0



7C3CB8



53535C



05009C



01001C

Inverse Universe

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



B83CB4



F02EE9



78B83C



5C535C



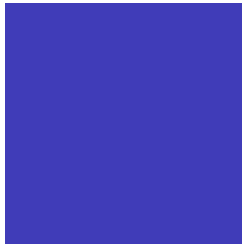
9C0097



1C001B

Previews

White Background



This preview shows how the Hex color 403CB8 looks on a white background.

Color Contrast Check

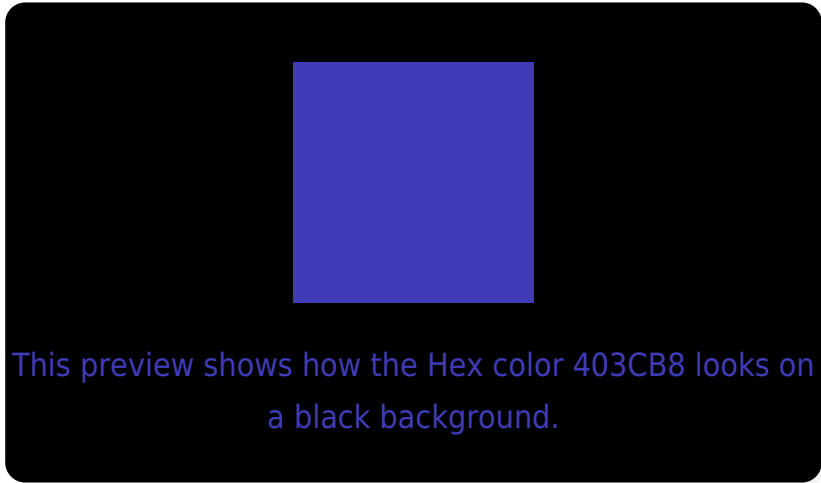
Large Text (above 18pt) WCAG AA ✓ Pass

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

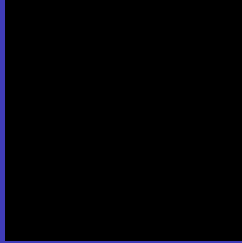
Any Text WCAG AA × Fail

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 403CB8 Background



This preview shows how black text looks on a background with the Hex color 403CB8.

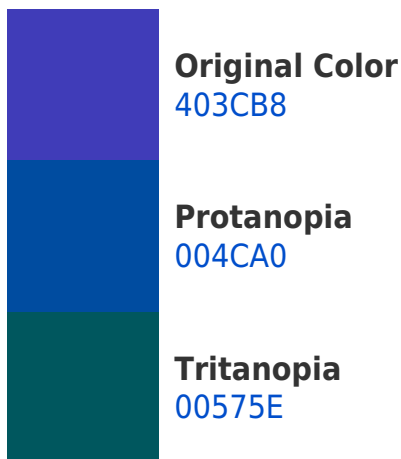


This preview shows how white text looks on a background with the Hex color 403CB8.

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
403CB8

Protanomaly
1746A9

Tritanomaly
174D7F

Monochromacy



Original Color
403CB8

Achromatopsia
4B4B4B

Achromatomaly
474673

CSS Examples

Text

The CSS property to change the color of the text to Hex 403CB8 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 #403CB8 looks like.

```
.text, #text, p{  
    color:#403CB8  
}
```

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 #403CB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #403CB8
}
```

Border

The CSS property to change the border of an element to Hex 403CB8 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
#403CB8 }
```

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

```
.border{ border-color:#403CB8 }
```

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

Here you see how a box with a 4 pixel #403CB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #403CB8; -webkit-box-shadow:4px 4px  
4px 4px #403CB8; box-shadow:4px 4px 4px  
4px #403CB8 }
```

Background

The CSS property to change the background color of an element to Hex 403CB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#403CB8 }
```

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

```
.background{ background-color:#403CB8 }
```

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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