

Converting Colors

Hex(403CA0)

Have a look what the booklet for
Hex(403CA0) contains.

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Color

Hex(403CA0)

Conversions

Conversions Part 1

Format	Color
Hex	403CA0
RGB	64, 60, 160
RGB Percent	25%, 24%, 63%
CMY	0.7490, 0.7647, 0.3725
CMYK	0.60, 0.62, 0.00, 0.37
HSL	242°, 45%, 43%
HSV	242°, 62%, 63%
XYZ	10.0754, 6.8598, 34.0507
YIQ	72.5960, -29.7160, 31.9480

Conversions

Conversions Part 2

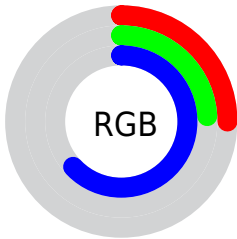
Format	Color
R_{YB}	64, 60, 160
Decimal	4209824
CIE _{Lab}	31.49, 31.96, -53.88
CIE _{LCh}	31, 62.645, 300.670
Yxy	6.8598, 0.1976, 0.1345
Android (android.graphics.Color)	4282399904 (0xFF403CA0)
YUV	72.5960, 43.0902, -7.5387
Hunter-Lab	26.1912, 22.8319, -58.7482

Details

The Hex color **403CA0** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9CA03C**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **796CD8**, and **00116B** is the 20% darker color. If you saturate the color by 10%, you get **312CA0**, and if you desaturate by 10%, it is **4F4CA0**.

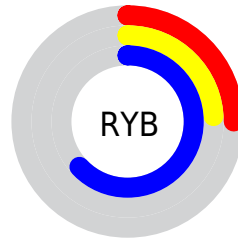
Distribution



Red (25%)

Green (24%)

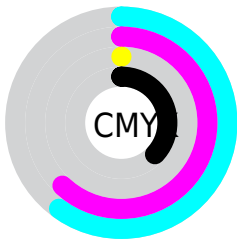
Blue (63%)



Red (25%)

Yellow (24%)

Blue (63%)

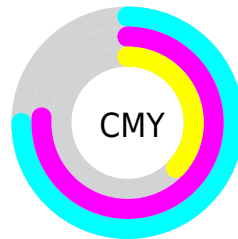


Cyan (60%)

Magenta (62%)

Yellow (0%)

Black (37%)



Cyan (75%)

Magenta (76%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 403CA0 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 403CA0 by changing the saturation by 10% instead.

 403CA0

 403CA0

FFFFFF

 1F2685

 796CD8

 00116B

 9585F4

 000053

 B29FFF

 00063A

 CFBBFF

 000224

 ECD6FF


 00000B

 FFF3FF

 000000

 403CA0

 403CA0

 312CA0

 4F4CA0

■ 211CA0

■ 5F5CA0

■ 120CA0

■ 6E6CA0

■ 0600A0

■ 7D7CA0

■ 8D8CA0

■ 9C9CA0

■ ACACA0

■ BBBCA0

■ CACCA0

Harmonies

Analogous

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



0051AE



403CA0



83177B

Triad

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



403CA0



803300



005E4A

Complementary

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



403CA0



9CA03C

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.



005B13



403CA0



5B4900

Square

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



403CA0



98071B



285500



005E7B

Rectangle

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



403CA0



97005C



285500



005D39

Sweetspot

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



403CA0



ABA9D1



3C9DA0



515169



E8E8E8



696969

Same Dimension

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



403CA0



3B34D1



713CA0



47474F



06008F



01000F

Inverse Universe

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



A03C9C



D134CB



6BA03C



4F474F



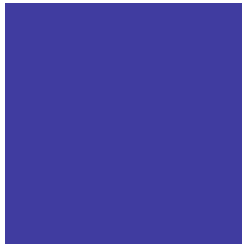
8F0089



0F000F

Previews

White Background



This preview shows how the Hex color 403CA0 looks on a white background.

Color Contrast Check

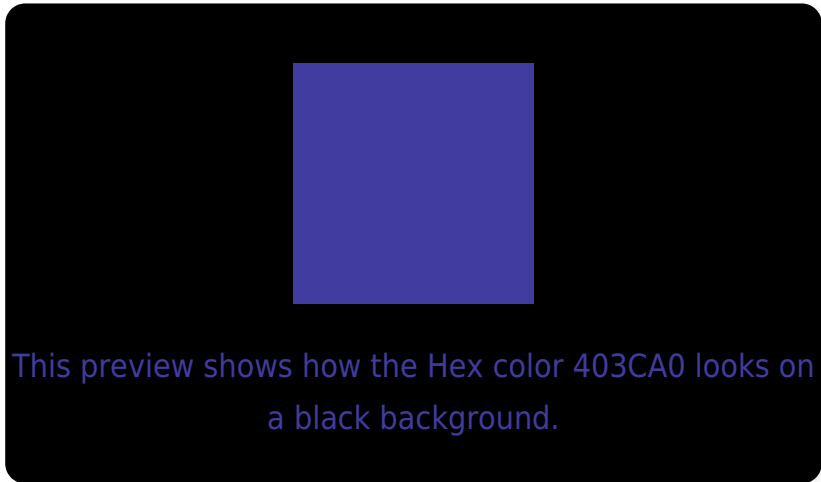
Large Text (above 18pt) WCAG AA ✓ Pass

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

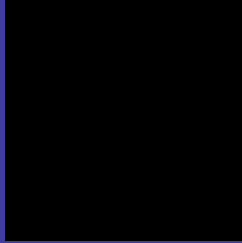
Any Text WCAG AA × Fail

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 403CA0 Background



This preview shows how black text looks on a background with the Hex color 403CA0.

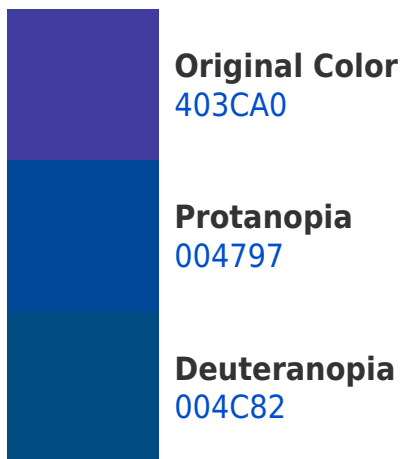


This preview shows how white text looks on a background with the Hex color 403CA0.

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





Tritanopia
1E5158

Trichromacy



Original Color
403CA0

Protanomaly
17439A

Deuteranomaly
17468D

Tritanomaly
2A4972

Monochromacy



Original Color
403CA0

Achromatopsia
494949

Achromatomaly
464469

CSS Examples

Text

The CSS property to change the color of the text to Hex 403CA0 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 #403CA0 looks like.

```
.text, #text, p{  
    color:#403CA0  
}
```

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 #403CA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #403CA0
}
```

Border

The CSS property to change the border of an element to Hex 403CA0 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
#403CA0 }
```

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

```
.border{ border-color:#403CA0 }
```

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

Here you see how a box with a 4 pixel #403CA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #403CA0; -webkit-box-shadow:4px 4px  
4px 4px #403CA0; box-shadow:4px 4px 4px  
4px #403CA0 }
```

Background

The CSS property to change the background color of an element to Hex 403CA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#403CA0 }
```

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

```
.background{ background-color:#403CA0 }
```

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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