

Converting Colors

Hex(403399)

Have a look what the booklet for
Hex(403399) contains.

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Color

Hex(403399)

Conversions

Conversions Part 1

Format	Color
Hex	403399
RGB	64, 51, 153
RGB Percent	25%, 20%, 60%
CMY	0.7490, 0.8000, 0.4000
CMYK	0.58, 0.67, 0.00, 0.40
HSL	248°, 50%, 40%
HSV	248°, 67%, 60%
XYZ	9.0479, 5.7575, 30.7714
YIQ	66.5150, -24.9940, 34.4780

Conversions

Conversions Part 2

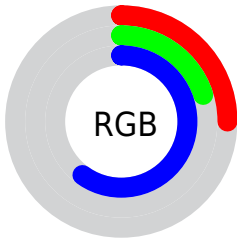
Format	Color
R _{YB}	64, 51, 153
Decimal	4207513
CIE Lab	28.79, 35.23, -54.02
CIE LCh	29, 64.493, 303.111
Yxy	5.7575, 0.1985, 0.1263
Android (android.graphics.Color)	4282397593 (0xFF403399)
YUV	66.5150, 42.6371, -2.2057
Hunter-Lab	23.9949, 25.3174, -59.2380

Details

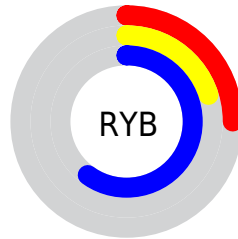
The Hex color **403399** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8C9933**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **7962D0**, and **000865** is the 20% darker color. If you saturate the color by 10%, you get **332499**, and if you desaturate by 10%, it is **4D4299**.

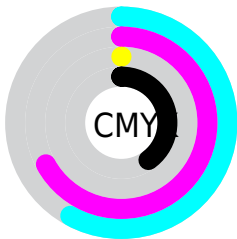
Distribution



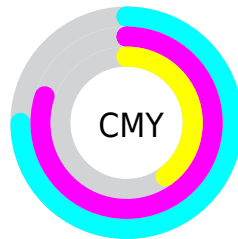
- Red (25%)
- Green (20%)
- Blue (60%)



- Red (25%)
- Yellow (20%)
- Blue (60%)



- Cyan (58%)
- Magenta (67%)
- Yellow (0%)
- Black (40%)



- Cyan (75%)
- Magenta (80%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 403399 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 403399 by changing the saturation by 10% instead.

■ 403399

■ 403399

FFFFFF

■ 201D7E

■ 7962D0

■ 000865

■ 957CED

■ 00004C

■ B196FF

■ 000434

■ CEB1FF

■ 00021E

■ EBCCFF

■ 000001

■ FFE9FF

■ 000000

■ 403399

■ 403399

■ 332499

■ 4D4299

■ 251499

■ 5B5299

■ 180599

■ 686199

■ 130099

■ 757099

■ 838099

■ 908F99

■ 9D9E99

■ ABAD99

■ B8BD99

Harmonies

Analogous

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



004AAA



403399



800072

Triad

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



403399



762E00



005748

Complementary

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



403399



8C9933

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.



005510



403399



504400

Square

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



403399



900010



174F00



00577A

Rectangle

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



403399



920052



174F00



005636

Sweetspot

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



403399



A49FC7



338D99



4F4C63



E3E3E3



636363

Same Dimension

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



403399



3C28C7



723399



46454D



12008C



02000D

Inverse Universe

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



99338C



C728B3



5A9933



4D454C



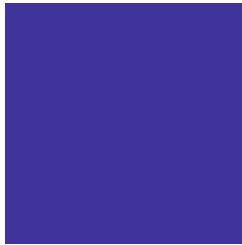
8C007A



0D000B

Previews

White Background



This preview shows how the Hex color 403399 looks on a white background.

Color Contrast Check

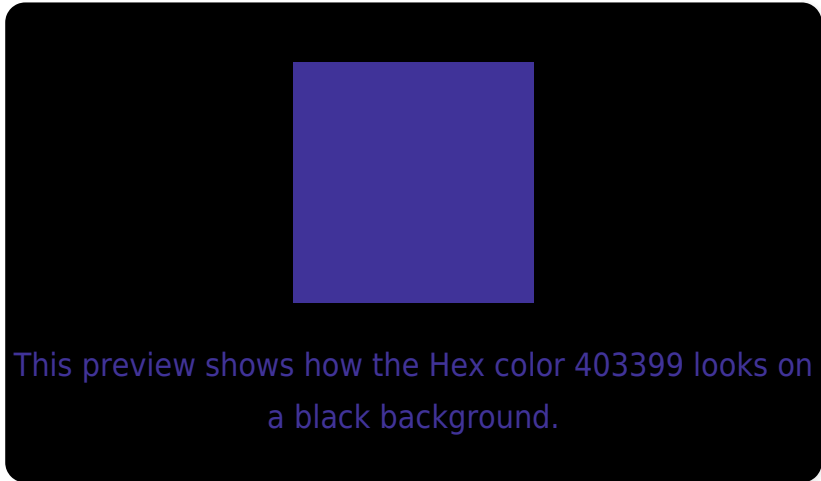
Large Text (above 18pt) WCAG AA ✓ Pass

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

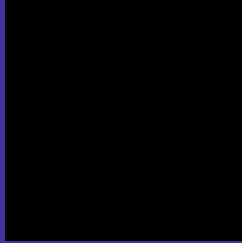
Any Text WCAG AA × Fail

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 403399 Background



This preview shows how black text looks on a background with the Hex color 403399.

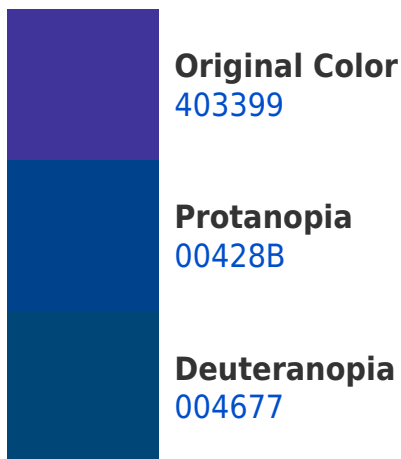


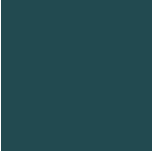
This preview shows how white text looks on a background with the Hex color 403399.

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](#).

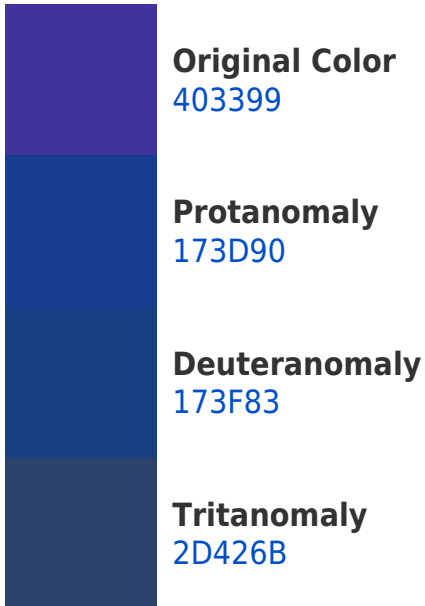
Dichromacy





Tritanopia
224A50

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 403399 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 #403399 looks like.

```
.text, #text, p{  
    color:#403399  
}
```

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 #403399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #403399
}
```

Border

The CSS property to change the border of an element to Hex 403399 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
#403399 }
```

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

```
.border{ border-color:#403399 }
```

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

Here you see how a box with a 4 pixel #403399 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #403399; -webkit-box-shadow:4px 4px  
4px 4px #403399; box-shadow:4px 4px 4px  
4px #403399 }
```

Background

The CSS property to change the background color of an element to Hex 403399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#403399 }
```

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

```
.background{ background-color:#403399 }
```

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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