

Converting Colors

Hex(403991)

Have a look what the booklet for
Hex(403991) contains.

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Color

Hex(403991)

Conversions

Conversions Part 1

Format	Color
Hex	403991
RGB	64, 57, 145
RGB Percent	25%, 22%, 57%
CMY	0.7490, 0.7765, 0.4314
CMYK	0.56, 0.61, 0.00, 0.43
HSL	245°, 44%, 40%
HSV	245°, 61%, 57%
XYZ	8.6883, 6.0606, 27.4999
YIQ	69.1250, -24.0760, 28.8520

Conversions

Conversions Part 2

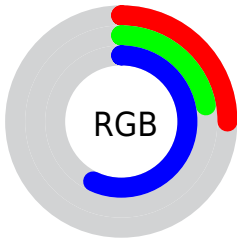
Format	Color
R_{YB}	64, 57, 145
Decimal	4209041
CIE _{Lab}	29.56, 28.83, -47.86
CIE _{LCh}	30, 55.876, 301.068
Yxy	6.0606, 0.2056, 0.1434
Android (android.graphics.Color)	4282399121 (0xFF403991)
YUV	69.1250, 37.4064, -4.4946
Hunter-Lab	24.6182, 19.9146, -48.9975

Details

The Hex color **403991** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8A9139**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **7768C8**, and **000F5E** is the 20% darker color. If you saturate the color by 10%, you get **332B91**, and if you desaturate by 10%, it is **4D4891**.

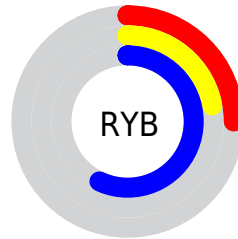
Distribution



Red (25%)

Green (22%)

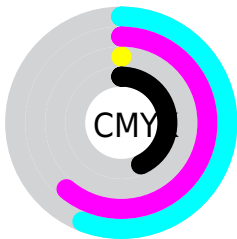
Blue (57%)



Red (25%)

Yellow (22%)

Blue (57%)

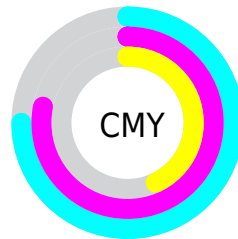


Cyan (56%)

Magenta (61%)

Yellow (0%)

Black (43%)



Cyan (75%)

Magenta (78%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 403991 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 403991 by changing the saturation by 10% instead.

■ 403991

■ 403991

FFFFFF

■ 222377

■ 7768C8

■ 000F5E

■ 9282E4

■ 000045

■ AF9CFF

■ 00042E

■ CBB7FF

■ 000118

■ E8D2FF

■ 000000

■ FFEFFF

■ 403991

■ 403991

■ 332B91

■ 4D4891

■ 251C91

■ 5B5691

■ 180D91

■ 686491

■ 0C0091

■ 757391

■ 838291

■ 909091

■ 9D9F91

■ ABAD91

■ B8BB91

Harmonies

Analogous

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



004B9E



403991



791C70

Triad

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



403991



763200



005746

Complementary

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



403991



8A9139

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.



005517



403991



554500

Square

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



403991



8B141C



284F00



005872

Rectangle

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



403991



8A0055



284F00



005737

Sweetspot

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



403991



9D9BBD



398B91



4B4A5E



DEDEDE



5E5E5E

Same Dimension

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



403991



3E33BD



6B3991



414047



0B0087



010008

Inverse Universe

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



91398A



BD33B2



5F9139



474047



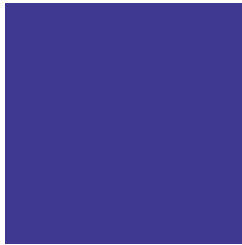
87007C



080007

Previews

White Background



This preview shows how the Hex color 403991 looks on a white background.

Color Contrast Check

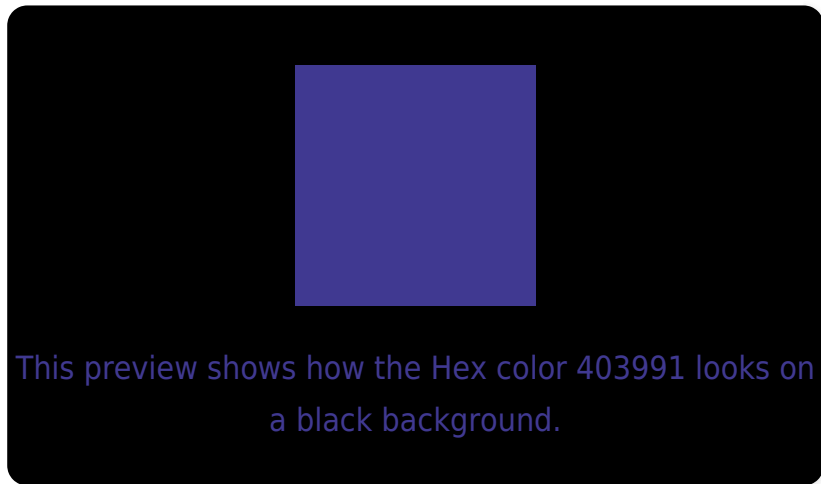
Large Text (above 18pt) WCAG AA ✓ Pass

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

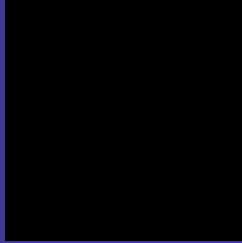
Any Text WCAG AA × Fail

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 403991 Background



This preview shows how black text looks on a background with the Hex color 403991.



This preview shows how white text looks on a background with the Hex color 403991.

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
403991

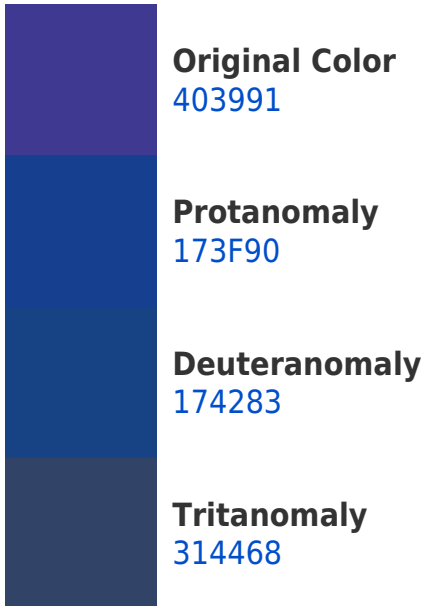
Protanopia
00438F

Deuteranopia
00477B



Tritanopia
284B51

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 403991 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 #403991 looks like.

```
.text, #text, p{  
    color:#403991  
}
```

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 #403991 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #403991
}
```

Border

The CSS property to change the border of an element to Hex 403991 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".

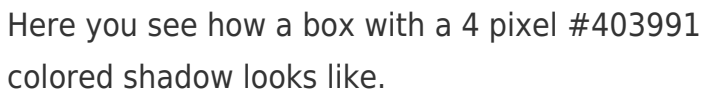
```
.border, #border, table{ border:4px solid
#403991 }
```

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

```
.border{ border-color:#403991 }
```

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

Here you see how a box with a 4 pixel #403991 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #403991; -webkit-box-shadow:4px 4px  
4px 4px #403991; box-shadow:4px 4px 4px  
4px #403991 }
```

Background

The CSS property to change the background color of an element to Hex 403991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#403991 }
```

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

```
.background{ background-color:#403991 }
```

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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