

Converting Colors

Hex(403691)

Have a look what the booklet for
Hex(403691) contains.

Hex(403691)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(403691)

Conversions

Conversions Part 1

Format	Color
Hex	403691
RGB	64, 54, 145
RGB Percent	25%, 21%, 57%
CMY	0.7490, 0.7882, 0.4314
CMYK	0.56, 0.63, 0.00, 0.43
HSL	247°, 46%, 39%
HSV	247°, 63%, 57%
XYZ	8.5444, 5.7727, 27.4520
YIQ	67.3640, -23.2510, 30.4210

Conversions

Conversions Part 2

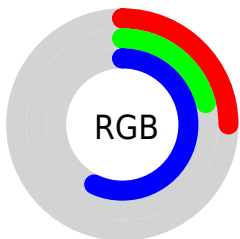
Format	Color
R _{YB}	64, 54, 145
Decimal	4208273
CIE Lab	28.83, 30.74, -49.05
CIE LCh	29, 57.891, 302.079
Yxy	5.7727, 0.2046, 0.1382
Android (android.graphics.Color)	4282398353 (0xFF403691)
YUV	67.3640, 38.2745, -2.9502
Hunter-Lab	24.0264, 21.4328, -50.9249

Details

The Hex color **403691** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **879136**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **7765C8**, and **000C5D** is the 20% darker color. If you saturate the color by 10%, you get **332791**, and if you desaturate by 10%, it is **4D4591**.

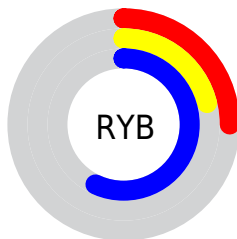
Distribution



Red (25%)

Green (21%)

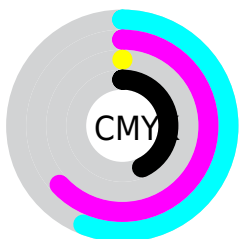
Blue (57%)



Red (25%)

Yellow (21%)

Blue (57%)

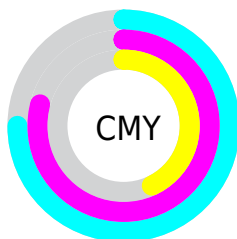


Cyan (56%)

Magenta (63%)

Yellow (0%)

Black (43%)



Cyan (75%)

Magenta (79%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 403691 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 403691 by changing the saturation by 10% instead.

■ 403691

■ 403691

FFFFFF

■ 222077

■ 7765C8

■ 000C5D

■ 937FE4

■ 000045

■ AF99FF

■ 00042E

■ CBB4FF

■ 000118

■ E9CFFF

■ 000000

■ FFE8FF

■ 403691

■ 403691

■ 332791

■ 4D4591

■ 261991

■ 5A5391

■ 190B91

■ 676291

■ 100091

■ 747091

■ 817F91

■ 8D8D91

■ 9A9B91

■ A7AA91

■ B4B991

Harmonies

Analogous

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



00499F



403691



7A146F

Triad

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



403691



743000



005646

Complementary

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



403691



879136

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.



005415



403691



524300

Square

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



403691



8A0D17



234E00



005673

Rectangle

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



403691



8B0052



234E00



005536

Sweetspot

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



403691



9D99BD



368891



4B495E



DEDEDE



5E5E5E

Same Dimension

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



403691



3F2FBD



6D3691



414047



0F0087



010008

Inverse Universe

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



913687



BD2FAD



5A9136



474047



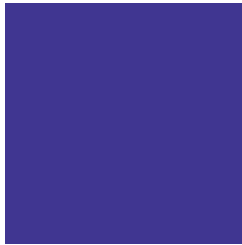
870078



080007

Previews

White Background



This preview shows how the Hex color 403691 looks on a white background.

Color Contrast Check

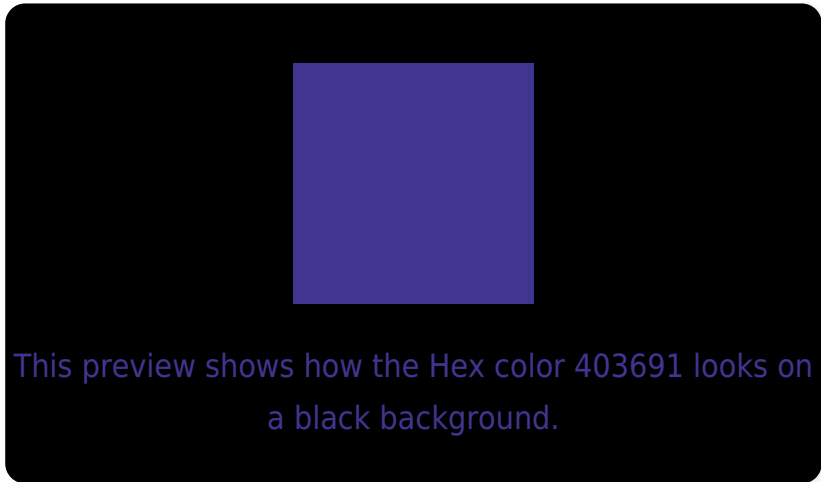
Large Text (above 18pt) WCAG AA ✓ Pass

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

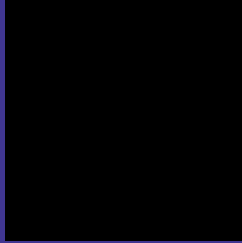
Any Text WCAG AA × Fail

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 403691 Background



This preview shows how black text looks on a background with the Hex color 403691.

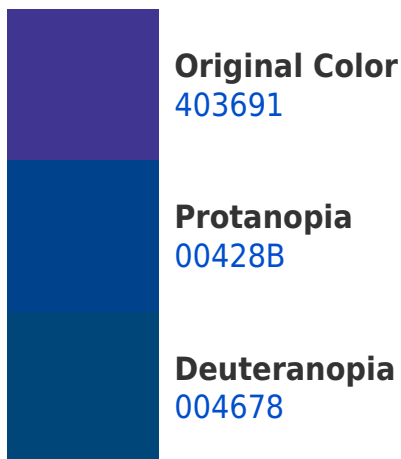


This preview shows how white text looks on a background with the Hex color 403691.

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
28494F

Trichromacy



Original Color
403691

Protanomaly
173E8D

Deuteranomaly
174081

Tritanomaly
314267

Monochromacy



Original Color
403691

Achromatopsia
434343

Achromatomaly
423E5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 403691 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 #403691 looks like.

```
.text, #text, p{  
    color:#403691  
}
```

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 #403691 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #403691
}
```

Border

The CSS property to change the border of an element to Hex 403691 is called "border". The border property can be set on classes, ids or directly on the HTML element.

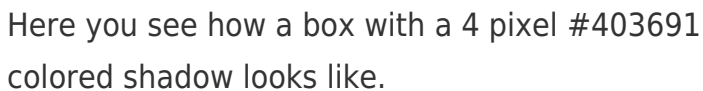
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#403691 }
```

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

```
.border{ border-color:#403691 }
```

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



Here you see how a box with a 4 pixel #403691 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #403691; -webkit-box-shadow:4px 4px  
4px 4px #403691; box-shadow:4px 4px 4px  
4px #403691 }
```

Background

The CSS property to change the background color of an element to Hex 403691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#403691 }
```

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

```
.background{ background-color:#403691 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor