

# Converting Colors

Hex(403D99)

Have a look what the booklet for  
Hex(403D99) contains.

<b>Hex(403D99)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(403D99)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	403D99
RGB	64, 61, 153
RGB Percent	25%, 24%, 60%
CMY	0.7490, 0.7608, 0.4000
CMYK	0.58, 0.60, 0.00, 0.40
HSL	242°, 43%, 42%
HSV	242°, 60%, 60%
XYZ	9.5329, 6.7274, 30.9331
YIQ	72.3850, -27.7440, 29.2480

# Conversions

## Conversions Part 2

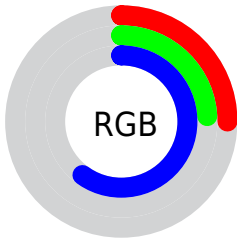
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	64, 61, 153
Decimal	4210073
CIE Lab	31.18, 28.95, -50.14
CIE LCh	31, 57.896, 300.008
Yxy	6.7274, 0.2020, 0.1425
Android (android.graphics.Color)	4282400153 (0xFF403D99)
YUV	72.3850, 39.7432, -7.3536
Hunter-Lab	25.9372, 20.2151, -52.5540

# Details

The Hex color **403D99** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **96993D**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **786DD0**, and **001365** is the 20% darker color. If you saturate the color by 10%, you get **312E99**, and if you desaturate by 10%, it is **4F4C99**.

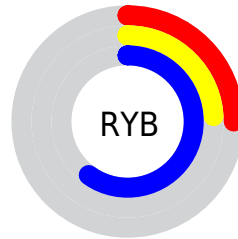
# Distribution



Red (25%)

Green (24%)

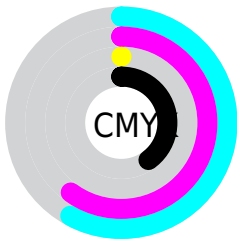
Blue (60%)



Red (25%)

Yellow (24%)

Blue (60%)

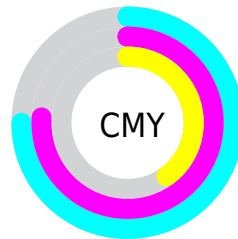


Cyan (58%)

Magenta (60%)

Yellow (0%)

Black (40%)



Cyan (75%)

Magenta (76%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 403D99 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 403D99 by changing the saturation by 10% instead.



■ 403D99

■ 403D99

FFFFFF

■ 21277F

■ 786DD0

■ 001365

■ 9486ED

■ 00004C

■ B0A0FF

■ 000535

■ CDBBFF

■ 00021F

■ EAD7FF

■ 000001

■ FFF4FF

■ 000000

■ 403D99

■ 403D99

■ 312E99

■ 4F4C99

■ 221E99

■ 5E5C99

■ 140F99

■ 6C6B99

■ 050099

■ 7B7A99

■ 8A8A99

■ 999999

■ A8A899

■ B6B799

■ C5C799

# Harmonies

## Analogous

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



0050A5



403D99



7E1F77

# Triad

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



403D99



7D3400



005C48

# Complementary

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



403D99



96993D

# 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.



005917



403D99



5B4800

# Square

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



403D99



92141F



2D5300



005C76

# Rectangle

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



403D99



90025B



2D5300



005B38



# Sweetspot

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



403D99



A4A3C7



3D9799



4E4E63



E3E3E3



636363



# Same Dimension

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



403D99



3C38C7



6D3D99



45454D



05008C



00000D



# Inverse Universe

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



993D96



C738C2



69993D



4D454C



8C0088



0D000C



# Previews

## White Background



This preview shows how the Hex color 403D99 looks on a white background.

## Color Contrast Check

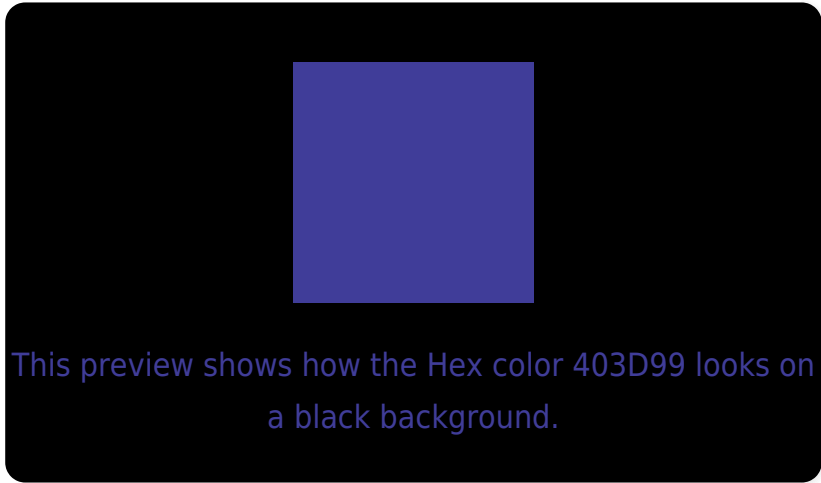
Large Text (above 18pt) WCAG AA ✓ Pass

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

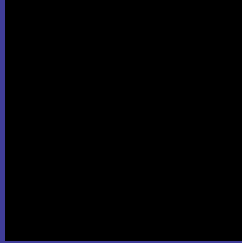
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 403D99 Background



This preview shows how black text looks on a background with the Hex color 403D99.

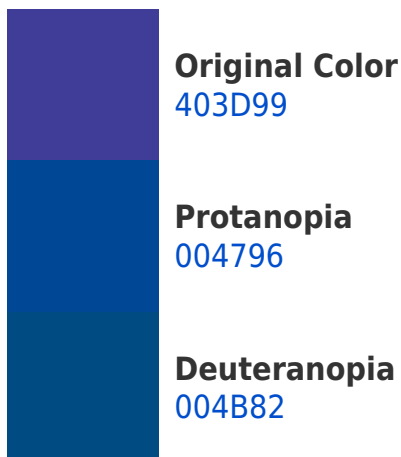


This preview shows how white text looks on a background with the Hex color 403D99.

# 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**  
245056

# Trichromacy



**Original Color**  
403D99

**Protanomaly**  
174397

**Deuteranomaly**  
17468A

**Tritanomaly**  
2E496E

# Monochromacy



**Original Color**  
403D99

**Achromatopsia**  
484848

**Achromatomaly**  
454465

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 403D99 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 #403D99 looks like.

```
.text, #text, p{  
    color:#403D99  
}
```

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 #403D99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #403D99
}
```

## Border

The CSS property to change the border of an element to Hex 403D99 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
#403D99 }
```

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

```
.border{ border-color:#403D99 }
```

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

Here you see how a box with a 4 pixel #403D99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #403D99; -webkit-box-shadow:4px 4px  
4px 4px #403D99; box-shadow:4px 4px 4px  
4px #403D99 }
```

# Background

The CSS property to change the background color of an element to Hex 403D99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#403D99 }
```

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

```
.background{ background-color:#403D99 }
```

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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