

# Converting Colors

Hex(763291)

Have a look what the booklet for  
Hex(763291) contains.

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**Color**

**Hex(763291)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	763291
RGB	118, 50, 145
RGB Percent	46%, 20%, 57%
CMY	0.5373, 0.8039, 0.4314
CMYK	0.19, 0.66, 0.00, 0.43
HSL	283°, 49%, 38%
HSV	283°, 66%, 57%
XYZ	13.7227, 8.1771, 27.6431
YIQ	81.1620, 10.0330, 43.9610

# Conversions

## Conversions Part 2

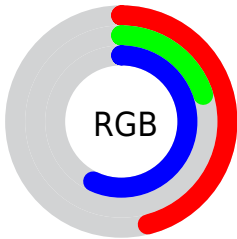
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 50, 145
Decimal	7746193
CIE <sub>Lab</sub>	34.35, 45.28, -39.83
CIE <sub>LCh</sub>	34, 60.307, 318.663
Yxy	8.1771, 0.2770, 0.1651
Android (android.graphics.Color)	4285936273 (0xFF763291)
<b>YUV</b>	81.1620, 31.4721, 32.3069
Hunter-Lab	28.5956, 35.6174, -37.2982

# Details

The Hex color **763291** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4D9132**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **AD65C7**, and **42005E** is the 20% darker color. If you saturate the color by 10%, you get **722391**, and if you desaturate by 10%, it is **7A4191**.

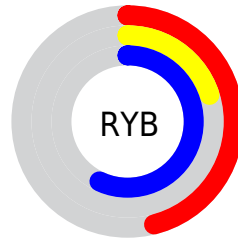
# Distribution



Red (46%)

Green (20%)

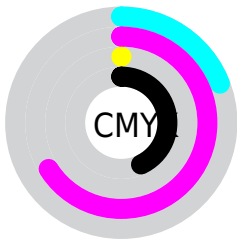
Blue (57%)



Red (46%)

Yellow (20%)

Blue (57%)

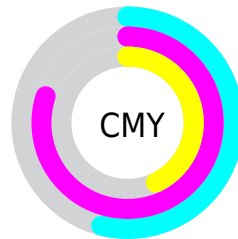


Cyan (19%)

Magenta (66%)

Yellow (0%)

Black (43%)



Cyan (54%)

Magenta (80%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 763291 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 763291 by changing the saturation by 10% instead.



 763291

 763291

FFFFFF

 5C1777

 AD65C7

 42005E

 C97FE4

 290046

 E69AFF

 0C002F

 FFB6FF

 000119

 FFD2FF

 000000

 FFEEFF

 763291

 763291

 722391

 7A4191

 6E1591

 7E4F91

 6A0691

 825E91

 680091

 866C91

 8B7B91

 8F8991

 939891

 97A691

 9BB491

# Harmonies

## Analogous

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



004CAD



763291



9B0C65

# Triad

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



763291



724800



00656E

# Complementary

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



763291



4D9132

# 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.



00643C



763291



485800

# Square

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



763291



922F03



006001



006399

# Rectangle

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



763291



A30045



006001



00655E



# Sweetspot

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



763291



B297BD



324E91



58485E



DEDEDE



5E5E5E



# Same Dimension

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



763291



9228BD



91327E



454047



610087



050008



# Inverse Universe

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



91324D



BD2852



329145



474042



870026



080002



# Previews

## White Background



This preview shows how the Hex color 763291 looks on a white background.

## Color Contrast Check

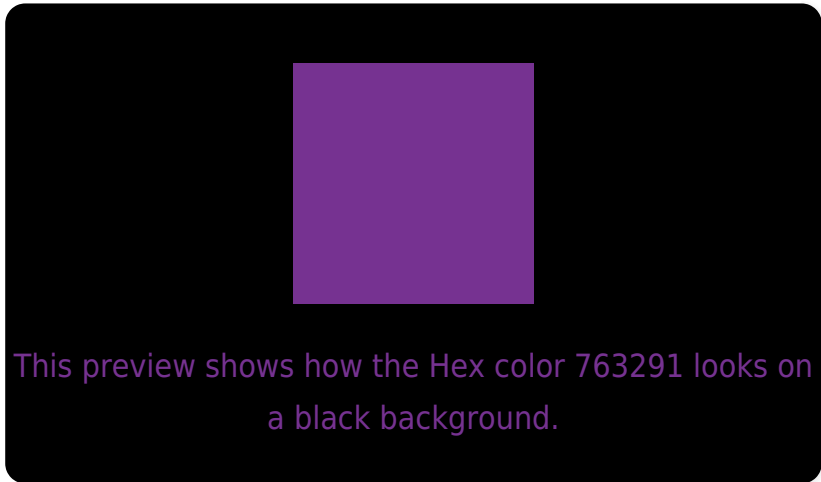
Large Text (above 18pt) WCAG AA ✓ Pass

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

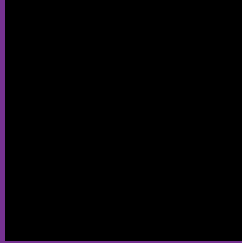
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 763291 Background



This preview shows how black text looks on a background with the Hex color 763291.

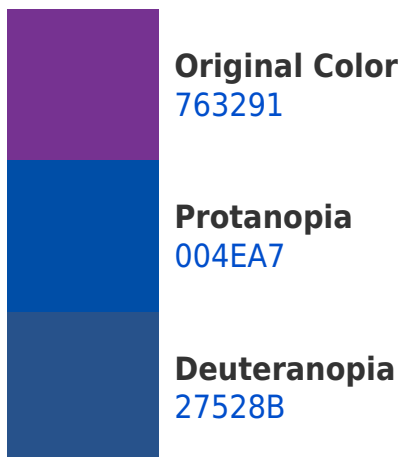



This preview shows how white text looks on a background with the Hex color 763291.

# 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**  
6C474C

# Trichromacy



**Original Color**  
763291



**Protanomaly**  
2B449F



**Deuteranomaly**  
44468D

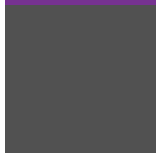


**Tritanomaly**  
703F65

# Monochromacy



**Original Color**  
763291



**Achromatopsia**  
515151



**Achromatomaly**  
5E4668

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 763291 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 #763291 looks like.

```
.text, #text, p{  
    color:#763291  
}
```

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 #763291 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #763291
}
```

## Border

The CSS property to change the border of an element to Hex 763291 is called "border". The border property can be set on classes, ids or directly on the HTML element.

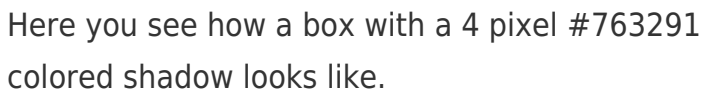
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#763291 }
```

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

```
.border{ border-color:#763291 }
```

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



Here you see how a box with a 4 pixel #763291 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #763291; -webkit-box-shadow:4px 4px  
4px 4px #763291; box-shadow:4px 4px 4px  
4px #763291 }
```

# Background

The CSS property to change the background color of an element to Hex 763291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#763291 }
```

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

```
.background{ background-color:#763291 }
```

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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