

# Converting Colors

Hex(783C91)

Have a look what the booklet for  
Hex(783C91) contains.

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**Color**

**Hex(783C91)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	783C91
RGB	120, 60, 145
RGB Percent	47%, 24%, 57%
CMY	0.5294, 0.7647, 0.4314
CMYK	0.17, 0.59, 0.00, 0.43
HSL	282°, 41%, 40%
HSV	282°, 59%, 57%
XYZ	14.4724, 9.2691, 27.8144
YIQ	87.6300, 8.4750, 39.1550

# Conversions

## Conversions Part 2

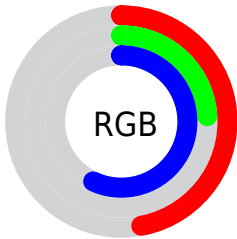
Format	Color
R <sub>Y</sub> B	120, 60, 145
Decimal	7879825
CIE Lab	36.50, 40.71, -36.39
CIE LCh	36, 54.606, 318.211
Yxy	9.2691, 0.2807, 0.1798
Android (android.graphics.Color)	4286069905 (0xFF783C91)
YUV	87.6300, 28.2834, 28.3885
Hunter-Lab	30.4452, 31.5725, -32.8550

# Details

The Hex color **783C91** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **55913C**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **AE6EC7**, and **44075E** is the 20% darker color. If you saturate the color by 10%, you get **742D91**, and if you desaturate by 10%, it is **7C4B91**.

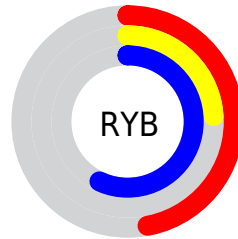
# Distribution



Red (47%)

Green (24%)

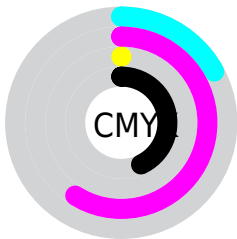
Blue (57%)



Red (47%)

Yellow (24%)

Blue (57%)

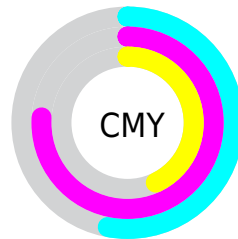


Cyan (17%)

Magenta (59%)

Yellow (0%)

Black (43%)



Cyan (53%)

Magenta (76%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 783C91 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 783C91 by changing the saturation by 10% instead.



 783C91

 783C91

FFFFFF

 5E2377

 AE6EC7

 44075E

 CB89E4

 2B0046

 E7A3FF

 14002F

 FFBFFF

 000119

 FFDBFF

 000000

 FFF8FF

 783C91

 783C91

 742D91

 7C4B91

6F1F91

815991

6B1191

856891

670291

897691

660091

8D8591

929391

96A291

9AB091

9EBF91

# Harmonies

## Analogous

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



2352AA



783C91



9B2569

# Triad

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



783C91



774E00



006970

# Complementary

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



783C91



55913C

# 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.



006842



783C91



505C00

# Square

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



783C91



943913



0E6413



006797

# Rectangle

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



783C91



A2204C



0E6413



006961



# Sweetspot

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



783C91



B39BBD



3C5691



584A5E



DEDEDE



5E5E5E



# Same Dimension

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



783C91



9639BD



913C80



454047



5F0087



050008



# Inverse Universe

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



913C55



BD395F



3C914D



474042



870028

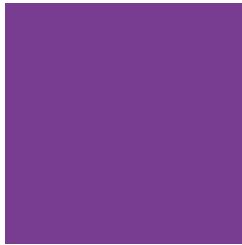


080002



# Previews

## White Background



This preview shows how the Hex color 783C91 looks on a white background.

## Color Contrast Check

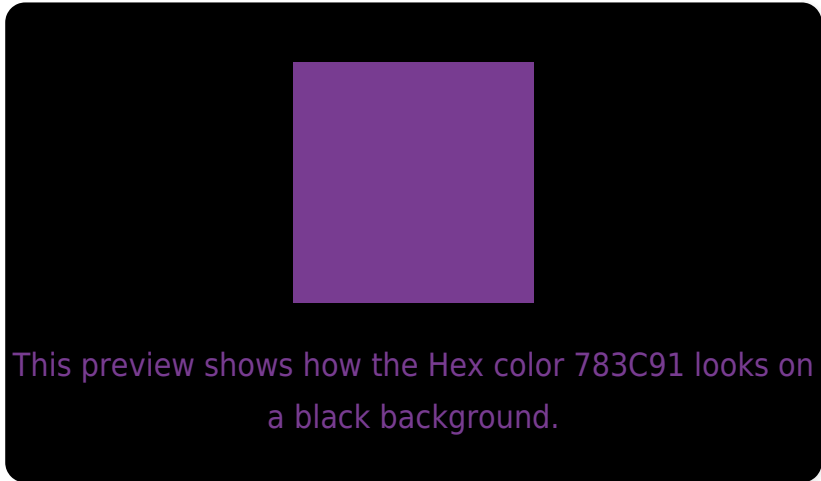
Large Text (above 18pt) WCAG AA ✓ Pass

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

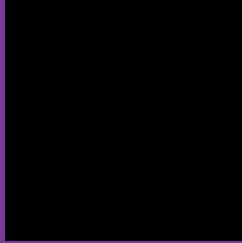
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 783C91 Background



This preview shows how black text looks on a background with the Hex color 783C91.

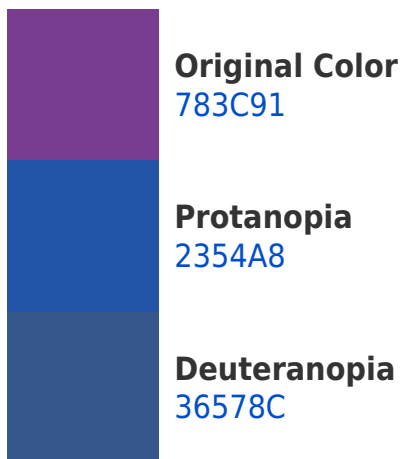


This preview shows how white text looks on a background with the Hex color 783C91.

# 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](#).

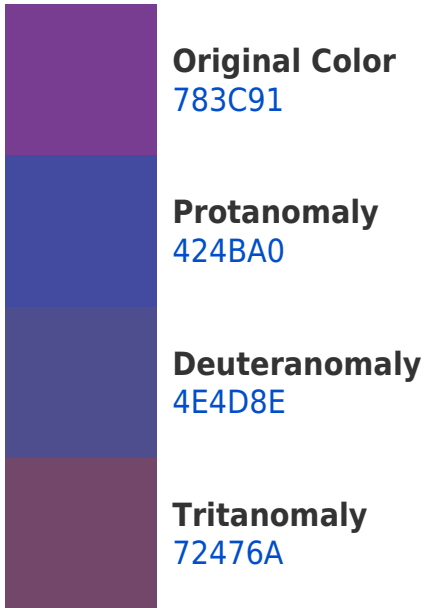
## Dichromacy



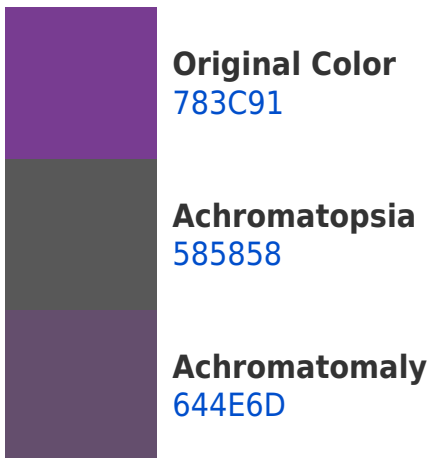


**Tritanopia**  
6F4D53

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 783C91 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 #783C91 looks like.

```
.text, #text, p{  
    color:#783C91  
}
```

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 #783C91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #783C91
}
```

## Border

The CSS property to change the border of an element to Hex 783C91 is called "border". The border property can be set on classes, ids or directly on the HTML element.

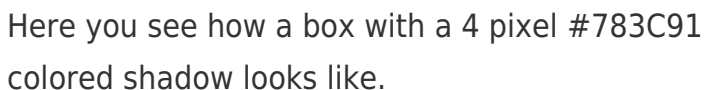
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#783C91 }
```

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

```
.border{ border-color:#783C91 }
```

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



Here you see how a box with a 4 pixel #783C91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #783C91; -webkit-box-shadow:4px 4px  
4px 4px #783C91; box-shadow:4px 4px 4px  
4px #783C91 }
```

# Background

The CSS property to change the background color of an element to Hex 783C91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#783C91 }
```

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

```
.background{ background-color:#783C91 }
```

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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