

# Converting Colors

Hex(753B83)

Have a look what the booklet for  
Hex(753B83) contains.

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**Color**

**Hex(753B83)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	753B83
RGB	117, 59, 131
RGB Percent	46%, 23%, 51%
CMY	0.5412, 0.7686, 0.4863
CMYK	0.11, 0.55, 0.00, 0.49
HSL	288°, 38%, 37%
HSV	288°, 55%, 51%
XYZ	12.9968, 8.5485, 22.4378
YIQ	84.5500, 11.4560, 34.6880

# Conversions

## Conversions Part 2

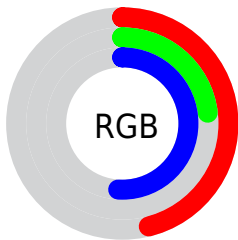
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 59, 131
Decimal	7682947
CIELab	35.10, 37.34, -30.03
CIElCh	35, 47.913, 321.190
Yxy	8.5485, 0.2955, 0.1944
Android (android.graphics.Color)	4285873027 (0xFF753B83)
YUV	84.5500, 22.8999, 28.4587
Hunter-Lab	29.2379, 28.1805, -25.0339

# Details

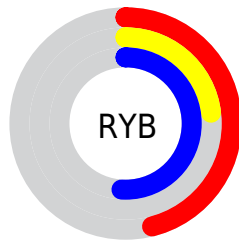
The Hex color **753B83** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **49833B**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **AB6DB8**, and **420851** is the 20% darker color. If you saturate the color by 10%, you get **722E83**, and if you desaturate by 10%, it is **784883**.

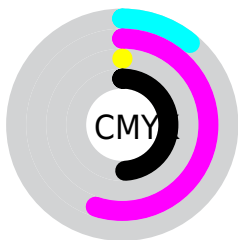
# Distribution



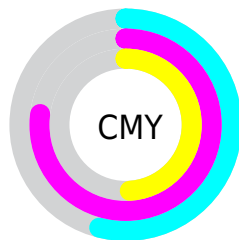
- Red (46%)
- Green (23%)
- Blue (51%)



- Red (46%)
- Yellow (23%)
- Blue (51%)



- Cyan (11%)
- Magenta (55%)
- Yellow (0%)
- Black (49%)



- Cyan (54%)
- Magenta (77%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 753B83 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 753B83 by changing the saturation by 10% instead.



 753B83

 753B83

FFFFFF

 5B236A

 AB6DB8

 420851

 C787D4

 2A003A

 E3A2F1

 0F0024

 FFBDFE

 00000B

 FFD9FF

 000000

 FFF6FF

 753B83

 753B83

 722E83

 784883

702183

7A5583

6D1483

7D6283

6B0783

7F6F83

6A0083

827D83

848A83

879783

89A483

8CB183

# Harmonies

## Analogous

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



384D9A



753B83



912B60

# Triad

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



753B83



6E4D00



00646D

# Complementary

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



753B83



49833B

# 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.



006346



753B83



4A5900

# Square

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



753B83



883C16



12601E



00618E

# Rectangle

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



753B83



962946



12601E



006460



# Sweetspot

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



753B83



A690AB



3B4983



534657



D6D6D6



575757



# Same Dimension

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



753B83



953AAB



833B6D



413C42



690082



020003



# Inverse Universe

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



833B49



AB3A50



3B8351



423C3D



820019



030000



# Previews

## White Background



This preview shows how the Hex color 753B83 looks on a white background.

## Color Contrast Check

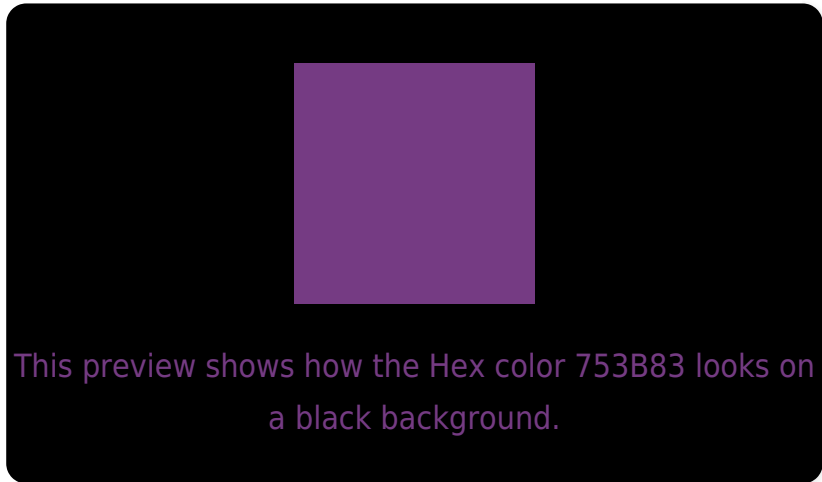
Large Text (above 18pt) WCAG AA ✓ Pass

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

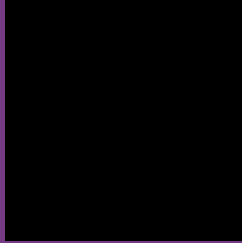
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 753B83 Background



This preview shows how black text looks on a background with the Hex color 753B83.

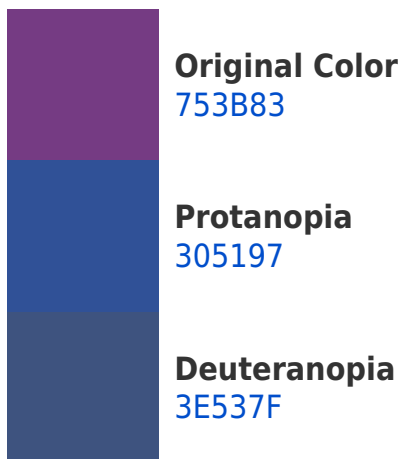



This preview shows how white text looks on a background with the Hex color 753B83.

# 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**  
6E494E

# Trichromacy



**Original Color**  
753B83

**Protanomaly**  
494990

**Deuteranomaly**  
524A80

**Tritanomaly**  
714461

# Monochromacy



**Original Color**  
753B83

**Achromatopsia**  
555555

**Achromatomaly**  
614C66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 753B83 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 #753B83 looks like.

```
.text, #text, p{  
    color:#753B83  
}
```

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 #753B83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #753B83
}
```

## Border

The CSS property to change the border of an element to Hex 753B83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

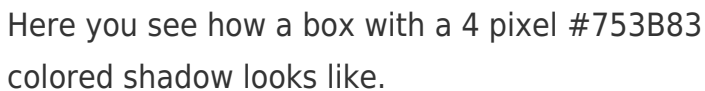
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#753B83 }
```

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

```
.border{ border-color:#753B83 }
```

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



Here you see how a box with a 4 pixel #753B83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #753B83; -webkit-box-shadow:4px 4px  
4px 4px #753B83; box-shadow:4px 4px 4px  
4px #753B83 }
```

# Background

The CSS property to change the background color of an element to Hex 753B83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#753B83 }
```

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

```
.background{ background-color:#753B83 }
```

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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