

# Converting Colors

Hex(753AAF)

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

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# Color

**Hex(753AAF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	753AAF
RGB	117, 58, 175
RGB Percent	46%, 23%, 69%
CMY	0.5412, 0.7725, 0.3137
CMYK	0.33, 0.67, 0.00, 0.31
HSL	270°, 50%, 46%
HSV	270°, 67%, 69%
XYZ	16.5870, 9.9032, 41.5947
YIQ	88.9790, -2.3930, 48.8950

# Conversions

## Conversions Part 2

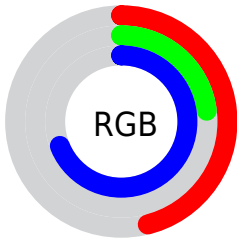
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 58, 175
Decimal	7682735
CIE <sub>Lab</sub>	37.67, 48.09, -52.59
CIE <sub>LCh</sub>	38, 71.257, 312.439
Yxy	9.9032, 0.2436, 0.1455
Android (android.graphics.Color)	4285872815 (0xFF753AAF)
YUV	88.9790, 42.4084, 24.5744
Hunter-Lab	31.4693, 39.0137, -56.3384

# Details

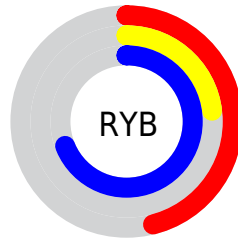
The Hex color **753AAF** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **74AF3A**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **AD6DE7**, and **3E0179** is the 20% darker color. If you saturate the color by 10%, you get **6C29AF**, and if you desaturate by 10%, it is **7E4BAF**.

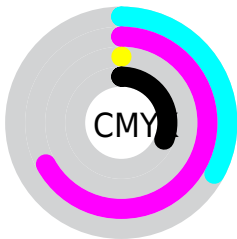
# Distribution



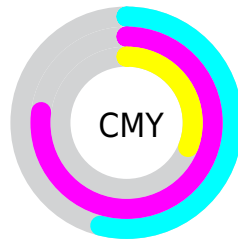
- Red (46%)
- Green (23%)
- Blue (69%)



- Red (46%)
- Yellow (23%)
- Blue (69%)



- Cyan (33%)
- Magenta (67%)
- Yellow (0%)
- Black (31%)



- Cyan (54%)
- Magenta (77%)
- Yellow (31%)
- Black (0%)

# Brightness & Saturation Gradients

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



753AAF

753AAF

FFFFFF

5A2094

AD6DE7

3E0179

CA87FF

210060

E7A2FF

010048

FFBEFF

000430

FFDAFF

00011A

FFF7FF

000000

753AAF

753AAF

6C29AF

7E4BAF

6417AF

865DAF

5B05AF

8F6FAF

5800AF

9880AF

A092AF

A9A3AF

B2B4AF

BAC6AF

C3D7AF

# Harmonies

## Analogous

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



0059CB



753AAF



AB007D

# Triad

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



753AAF



884900



007070

# Complementary

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



753AAF



74AF3A

# 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.



006E33



753AAF



575E00

# Square

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



753AAF



AB2407



006900



006FA6

# Rectangle

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



753AAF



B80057



006900



006F5C



# Sweetspot

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



753AAF



CCB6E3



3A75AF



655773



F2F2F2



737373



# Same Dimension

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



753AAF



892DE3



AF3AAF



524E57



4C0096



0C0017



# Inverse Universe

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



AF3A74



E32D87



3AAF3A



574E52



96004B



17000B



# Previews

## White Background



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

## Color Contrast Check

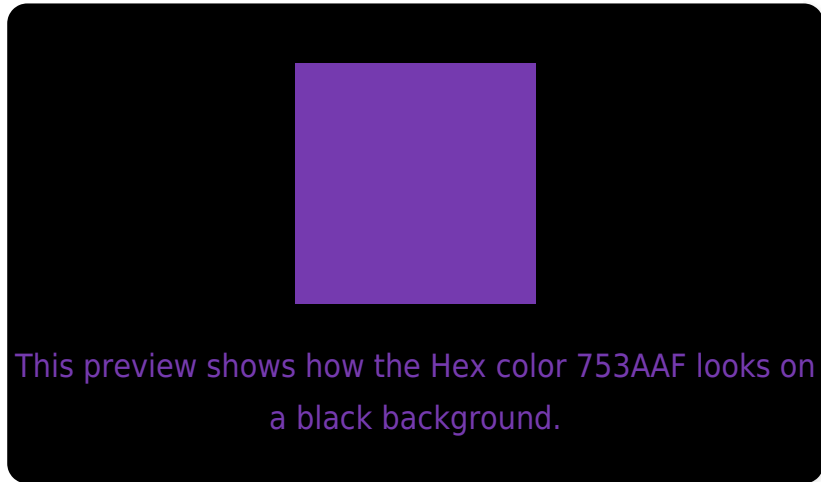
Large Text (above 18pt) WCAG AA ✓ Pass

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 753AAF Background



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

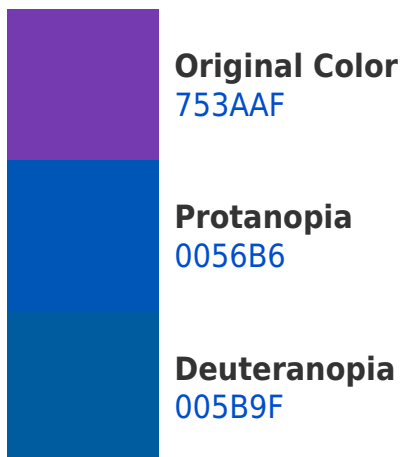


This preview shows how white text looks on a background with the Hex color 753AAF.

# 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**  
65545B

# Trichromacy



**Original Color**  
753AAF



**Protanomaly**  
2B4CB3



**Deuteranomaly**  
2B4FA5



**Tritanomaly**  
6B4B7A

# Monochromacy



**Original Color**  
753AAF



**Achromatopsia**  
595959



**Achromatomaly**  
634E78

# CSS Examples

## Text

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

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

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 #753AAF colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Hex 753AAF 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
#753AAF }
```

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

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

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

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

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

# Background

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

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

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

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

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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