

Converting Colors

Hex(763AA9)

Have a look what the booklet for
Hex(763AA9) contains.

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Color

Hex(763AA9)

Conversions

Conversions Part 1

Format	Color
Hex	763AA9
RGB	118, 58, 169
RGB Percent	46%, 23%, 66%
CMY	0.5373, 0.7725, 0.3373
CMYK	0.30, 0.66, 0.00, 0.34
HSL	272°, 49%, 45%
HSV	272°, 66%, 66%
XYZ	16.1457, 9.7422, 38.5656
YIQ	88.5940, 0.1290, 47.2410

Conversions

Conversions Part 2

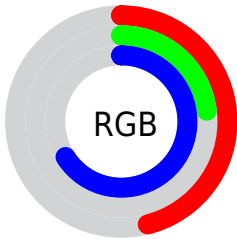
Format	Color
R_{YB}	118, 58, 169
Decimal	7748265
CIE _{Lab}	37.38, 46.84, -49.48
CIE _{LCh}	37, 68.137, 313.433
Yxy	9.7422, 0.2505, 0.1512
Android (android.graphics.Color)	4285938345 (0xFF763AA9)
YUV	88.5940, 39.6402, 25.7891
Hunter-Lab	31.2126, 37.7129, -51.4087

Details

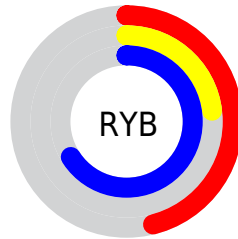
The Hex color **763AA9** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6DA93A**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **AE6DE1**, and **400274** is the 20% darker color. If you saturate the color by 10%, you get **6E29A9**, and if you desaturate by 10%, it is **7E4BA9**.

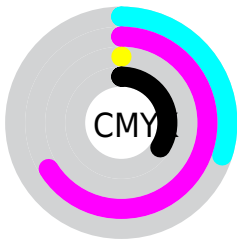
Distribution



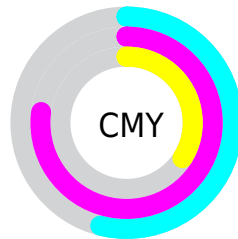
- Red (46%)
- Green (23%)
- Blue (66%)



- Red (46%)
- Yellow (23%)
- Blue (66%)



- Cyan (30%)
- Magenta (66%)
- Yellow (0%)
- Black (34%)



- Cyan (54%)
- Magenta (77%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 763AA9 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 763AA9 by changing the saturation by 10% instead.

763AA9

763AA9

FFFFFF

5B208E

AE6DE1

400274

CA87FE

24005B

E7A2FF

070043

FFBEFF

00032B

FFDAFF

000115

FFF7FF

000000

763AA9

763AA9

6E29A9

7E4BA9

6618A9

865CA9

5F07A9

8D6DA9

5B00A9

957EA9

9D8EA9

A59FA9

ACB0A9

B4C1A9

BCD2A9

Harmonies

Analogous

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



0057C5



763AA9



A80279

Triad

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



763AA9



854A00



006F70

Complementary

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



763AA9



6DA93A

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.



006D36



763AA9



565D00

Square

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



763AA9



A62909



006800



006EA3

Rectangle

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



763AA9



B40054



006800



006E5D

Sweetspot

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



763AA9



C7AFDB



3A6EA9



62536E



EDEDED



6E6E6E

Same Dimension

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



763AA9



8C2EDB



A93AA5



504C54



500094



0B0014

Inverse Universe

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



A93A6D



DB2E7E



3AA93E



544C50



940044



140009

Previews

White Background



This preview shows how the Hex color 763AA9 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

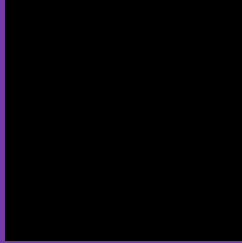
Any Text WCAG AA × Fail

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 763AA9 Background



This preview shows how black text looks on a background with the Hex color 763AA9.

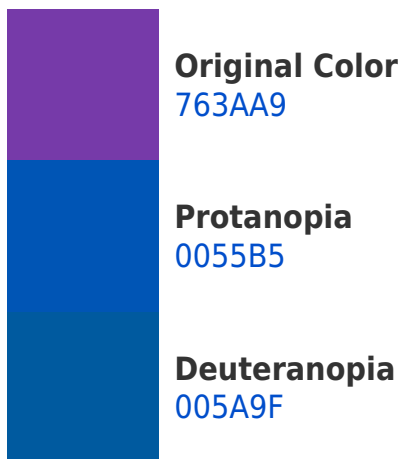


This preview shows how white text looks on a background with the Hex color 763AA9.

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
675359

Trichromacy



Original Color
763AA9



Protanomaly
2B4BB1



Deuteranomaly
2B4EA3



Tritanomaly
6C4A76

Monochromacy



Original Color
763AA9



Achromatopsia
595959



Achromatomaly
644E76

CSS Examples

Text

The CSS property to change the color of the text to Hex 763AA9 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 #763AA9 looks like.

```
.text, #text, p{  
    color:#763AA9  
}
```

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 #763AA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #763AA9
}
```

Border

The CSS property to change the border of an element to Hex 763AA9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

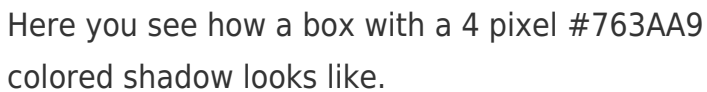
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#763AA9 }
```

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

```
.border{ border-color:#763AA9 }
```

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



Here you see how a box with a 4 pixel #763AA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #763AA9; -webkit-box-shadow:4px 4px  
4px 4px #763AA9; box-shadow:4px 4px 4px  
4px #763AA9 }
```

Background

The CSS property to change the background color of an element to Hex 763AA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#763AA9 }
```

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

```
.background{ background-color:#763AA9 }
```

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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