

Converting Colors

Hex(763BAA)

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

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Color

Hex(763BAA)

Conversions

Conversions Part 1

Format	Color
Hex	763BAA
RGB	118, 59, 170
RGB Percent	46%, 23%, 67%
CMY	0.5373, 0.7686, 0.3333
CMYK	0.31, 0.65, 0.00, 0.33
HSL	272°, 48%, 45%
HSV	272°, 65%, 67%
XYZ	16.2909, 9.8818, 39.0790
YIQ	89.2950, -0.4670, 47.0290

Conversions

Conversions Part 2

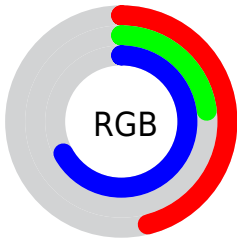
Format	Color
R_{YB}	118, 59, 170
Decimal	7748522
CIE _{Lab}	37.63, 46.58, -49.67
CIE _{LCh}	38, 68.091, 313.162
Yxy	9.8818, 0.2497, 0.1514
Android (android.graphics.Color)	4285938602 (0xFF763BAA)
YUV	89.2950, 39.7876, 25.1743
Hunter-Lab	31.4353, 37.4933, -51.7021

Details

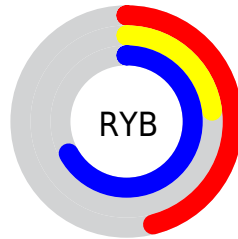
The Hex color **763BAA** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6FAA3B**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **AE6EE2**, and **400375** is the 20% darker color. If you saturate the color by 10%, you get **6E2AAA**, and if you desaturate by 10%, it is **7E4CAA**.

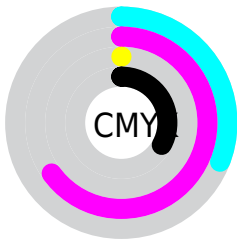
Distribution



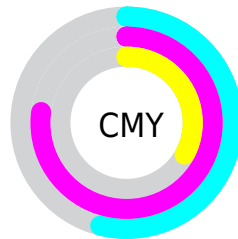
- Red (46%)
- Green (23%)
- Blue (67%)



- Red (46%)
- Yellow (23%)
- Blue (67%)



- Cyan (31%)
- Magenta (65%)
- Yellow (0%)
- Black (33%)



- Cyan (54%)
- Magenta (77%)
- Yellow (33%)

Brightness & Saturation Gradients

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

763BAA

763BAA

FFFFFF

5B228F

AE6EE2

400375

CA88FF

24005C

E7A3FF

070043

FFBFFF

00032C

FFDBFF

000116

FFF8FF

000000

763BAA

763BAA

6E2AAA

7E4CAA

6619AA

865DAA

5E08AA

8E6EAA

5A00AA

967FAA

9E90AA

A6A1AA

AEB2AA

B6C3AA

BED4AA

Harmonies

Analogous

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



0058C6



763BAA



A8057A

Triad

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



763BAA



864A00



006F70

Complementary

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



763BAA



6FAA3B

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



763BAA



575E00

Square

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



763BAA



A72A0A



006800



006EA4

Rectangle

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



763BAA



B50055



006800



006F5D

Sweetspot

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



763BAA



C9B1DE



3B71AA



645570



F0F0F0



707070

Same Dimension

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



763BAA



8D31DE



AA3BA8



504C54



4F0094



0B0014

Inverse Universe

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



AA3B6F



DE3182



3BAA3D



544C50



940045



14000A

Previews

White Background



This preview shows how the Hex color 763BAA 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

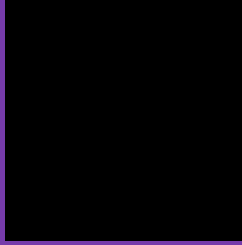
Any Text WCAG AA × Fail

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 763BAA Background



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

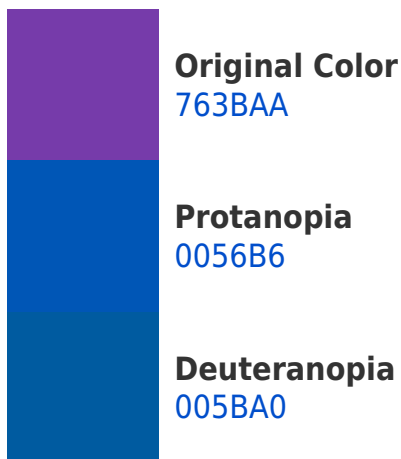



This preview shows how white text looks on a background with the Hex color 763BAA.

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
67535A

Trichromacy



Original Color

763BAA



Protanomaly

2B4CB2



Deuteranomaly

2B4FA4



Tritanomaly

6C4A77

Monochromacy



Original Color

763BAA



Achromatopsia

595959



Achromatomaly

644E76

CSS Examples

Text

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

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

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 #763BAA colored shadow looks like.

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

Border

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

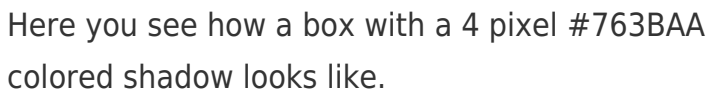
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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