

Converting Colors

Hex(763B96)

Have a look what the booklet for
Hex(763B96) contains.

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Color

Hex(763B96)

Conversions

Conversions Part 1

Format	Color
Hex	763B96
RGB	118, 59, 150
RGB Percent	46%, 23%, 59%
CMY	0.5373, 0.7686, 0.4118
CMYK	0.21, 0.61, 0.00, 0.41
HSL	279°, 44%, 41%
HSV	279°, 61%, 59%
XYZ	14.5402, 9.1815, 29.8600
YIQ	87.0150, 5.9530, 40.8090

Conversions

Conversions Part 2

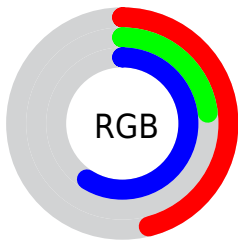
Format	Color
R_{YB}	118, 59, 150
Decimal	7748502
CIE _{Lab}	36.33, 41.85, -39.71
CIE _{LCh}	36, 57.690, 316.498
Yxy	9.1815, 0.2714, 0.1714
Android (android.graphics.Color)	4285938582 (0xFF763B96)
YUV	87.0150, 31.0516, 27.1738
Hunter-Lab	30.3010, 32.6282, -37.2165

Details

The Hex color **763B96** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5B963B**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **AD6DCD**, and **420662** is the 20% darker color. If you saturate the color by 10%, you get **712C96**, and if you desaturate by 10%, it is **7B4A96**.

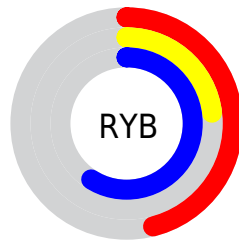
Distribution



Red (46%)

Green (23%)

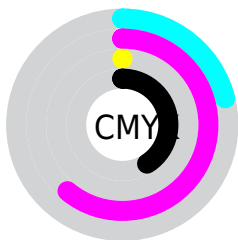
Blue (59%)



Red (46%)

Yellow (23%)

Blue (59%)

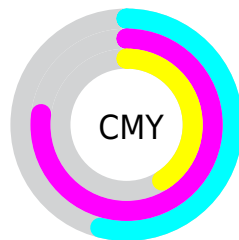


Cyan (21%)

Magenta (61%)

Yellow (0%)

Black (41%)



Cyan (54%)

Magenta (77%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 763B96 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 763B96 by changing the saturation by 10% instead.

 763B96

 763B96

FFFFFF

 5C227C

 AD6DCD

 420662

 C988E9

 28004A

 E5A2FF

 100033

 FFBEFF

 00021D


 FFDAFF

 000000

 FFF7FF

 763B96

 763B96

 712C96

 7B4A96

6B1D96

815996

660E96

866896

610096

8B7796

908696

969596

9BA496

A0B396

A5C296

Harmonies

Analogous

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



0052AF



763B96



9C1F6C

Triad

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



763B96



7A4C00



006A6F

Complementary

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



763B96



5B963B

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.



00683E



763B96



515B00

Square

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



763B96



973511



0A6408



006898

Rectangle

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



763B96



A5174E



0A6408



00695F

Sweetspot

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



763B96



B69FC2



3B5C96



594C61



E0E0E0



616161

Same Dimension

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



763B96



9034C2



963B8A



47434A



59008A



07000A

Inverse Universe

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



963B5B



C23466



3B9647



4A4345



8A0030



0A0004

Previews

White Background



This preview shows how the Hex color 763B96 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

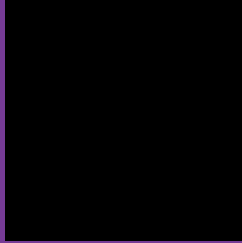
Any Text WCAG AA × Fail

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 763B96 Background



This preview shows how black text looks on a background with the Hex color 763B96.

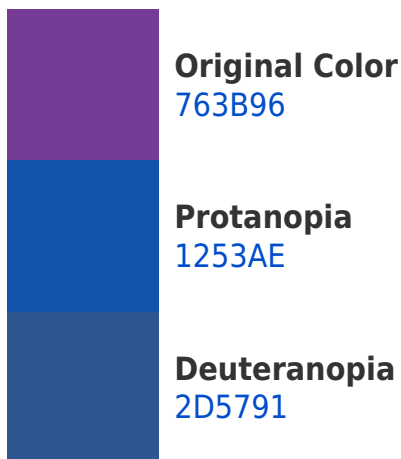


This preview shows how white text looks on a background with the Hex color 763B96.

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
6B4E54

Trichromacy



Original Color
763B96



Protanomaly
364AA5



Deuteranomaly
484D93



Tritanomaly
6F476C

Monochromacy



Original Color
763B96



Achromatopsia
575757



Achromatomaly
624D6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 763B96 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 #763B96 looks like.

```
.text, #text, p{  
    color:#763B96  
}
```

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 #763B96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #763B96
}
```

Border

The CSS property to change the border of an element to Hex 763B96 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
#763B96 }
```

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

```
.border{ border-color:#763B96 }
```

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

Here you see how a box with a 4 pixel #763B96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #763B96; -webkit-box-shadow:4px 4px  
4px 4px #763B96; box-shadow:4px 4px 4px  
4px #763B96 }
```

Background

The CSS property to change the background color of an element to Hex 763B96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#763B96 }
```

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

```
.background{ background-color:#763B96 }
```

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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