

Converting Colors

Hex(763D8F)

Have a look what the booklet for
Hex(763D8F) contains.

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Color

Hex(763D8F)

Conversions

Conversions Part 1

Format	Color
Hex	763D8F
RGB	118, 61, 143
RGB Percent	46%, 24%, 56%
CMY	0.5373, 0.7608, 0.4392
CMYK	0.17, 0.57, 0.00, 0.44
HSL	282°, 40%, 40%
HSV	282°, 57%, 56%
XYZ	14.0979, 9.1722, 27.0140
YIQ	87.3910, 7.6500, 37.5860

Conversions

Conversions Part 2

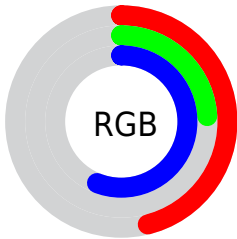
Format	Color
R_{YB}	118, 61, 143
Decimal	7749007
CIE _{Lab}	36.31, 39.18, -35.48
CIE _{LCh}	36, 52.856, 317.842
Yxy	9.1722, 0.2804, 0.1824
Android (android.graphics.Color)	4285939087 (0xFF763D8F)
YUV	87.3910, 27.4152, 26.8441
Hunter-Lab	30.2857, 30.0913, -31.6851

Details

The Hex color **763D8F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **568F3D**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **AC6FC5**, and **430A5C** is the 20% darker color. If you saturate the color by 10%, you get **722F8F**, and if you desaturate by 10%, it is **7A4B8F**.

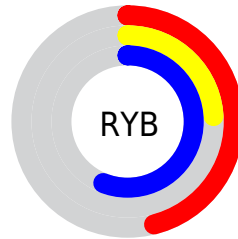
Distribution



Red (46%)

Green (24%)

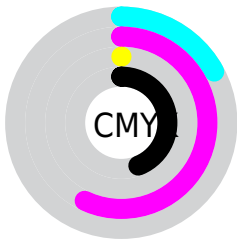
Blue (56%)



Red (46%)

Yellow (24%)

Blue (56%)

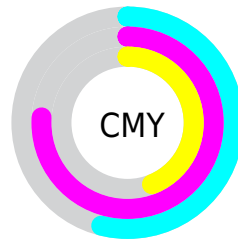


Cyan (17%)

Magenta (57%)

Yellow (0%)

Black (44%)



Cyan (54%)

Magenta (76%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 763D8F 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 763D8F by changing the saturation by 10% instead.

 763D8F

 763D8F

FFFFFF

 5C2575

 AC6FC5

 430A5C

 C889E1

 2A0044

 E5A4FE

 12002D


 FFC0FF

 000117

 FFDCFF

 000000

 FFF9FF

 763D8F

 763D8F

 722F8F

 7A4B8F

6D208F

7F5A8F

69128F

83688F

65048F

87768F

63008F

8C858F

90938F

95A18F

99AF8F

9DBE8F

Harmonies

Analogous

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



2552A7



763D8F



982869

Triad

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



763D8F



764D00



00686E

Complementary

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



763D8F



568F3D

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.



006742



763D8F



505B00

Square

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



763D8F



923A16



146315



006694

Rectangle

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



763D8F



9F244C



146315



006860

Sweetspot

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



763D8F



B19BBA



3D578F



594B5E



DEDEDE



5E5E5E

Same Dimension

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



763D8F



933ABA



8F3D80



454047



5E0087



050008

Inverse Universe

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



8F3D56



BA3A61



3D8F4C



474042



870029



080002

Previews

White Background



This preview shows how the Hex color 763D8F looks on a white background.

Color Contrast Check

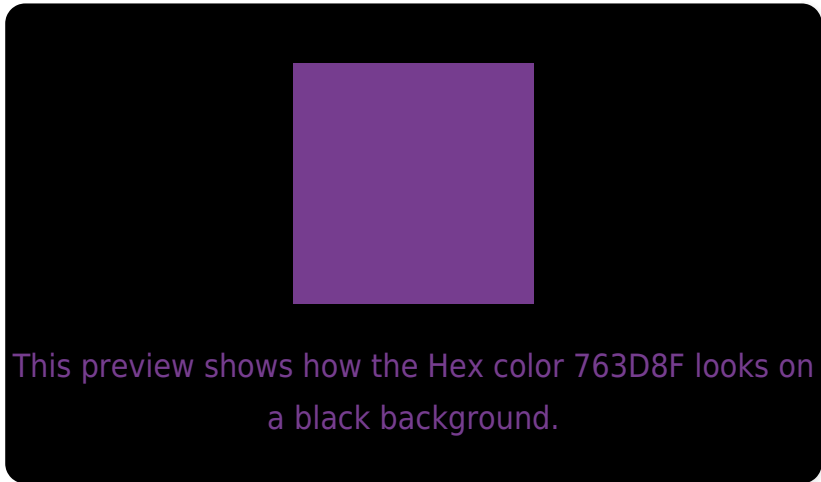
Large Text (above 18pt) WCAG AA ✓ Pass

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

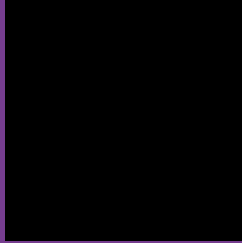
Any Text WCAG AA × Fail

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 763D8F Background



This preview shows how black text looks on a background with the Hex color 763D8F.

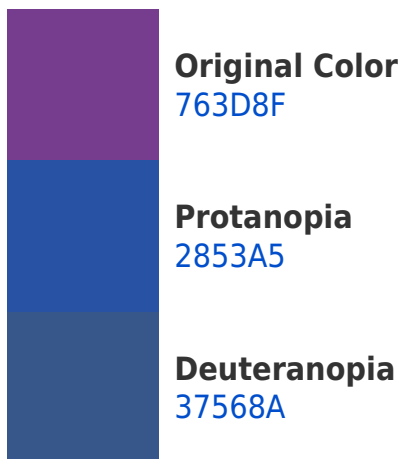



This preview shows how white text looks on a background with the Hex color 763D8F.

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
6D4D53

Trichromacy



Original Color
763D8F

Protanomaly
444B9D

Deuteranomaly
4E4D8C

Tritanomaly
704769

Monochromacy



Original Color
763D8F

Achromatopsia
575757

Achromatomaly
624E6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 763D8F 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 #763D8F looks like.

```
.text, #text, p{  
    color:#763D8F  
}
```

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 #763D8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #763D8F
}
```

Border

The CSS property to change the border of an element to Hex 763D8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

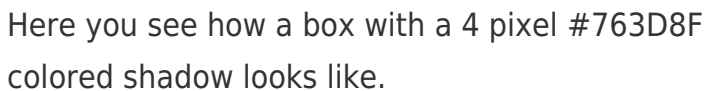
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#763D8F }
```

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

```
.border{ border-color:#763D8F }
```

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



Here you see how a box with a 4 pixel #763D8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #763D8F; -webkit-box-shadow:4px 4px  
4px 4px #763D8F; box-shadow:4px 4px 4px  
4px #763D8F }
```

Background

The CSS property to change the background color of an element to Hex 763D8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#763D8F }
```

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

```
.background{ background-color:#763D8F }
```

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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