

Converting Colors

Hex(763F90)

Have a look what the booklet for
Hex(763F90) contains.

Hex(763F90)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(763F90)

Conversions

Conversions Part 1

Format	Color
Hex	763F90
RGB	118, 63, 144
RGB Percent	46%, 25%, 56%
CMY	0.5373, 0.7529, 0.4353
CMYK	0.18, 0.56, 0.00, 0.44
HSL	281°, 39%, 41%
HSV	281°, 56%, 56%
XYZ	14.2828, 9.4202, 27.4510
YIQ	88.6790, 6.7790, 36.8510

Conversions

Conversions Part 2

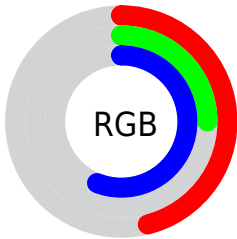
Format	Color
R _Y B	118, 63, 144
Decimal	7749520
CIE Lab	36.78, 38.32, -35.34
CIE LCh	37, 52.131, 317.313
Yxy	9.4202, 0.2792, 0.1842
Android (android.graphics.Color)	4285939600 (0xFF763F90)
YUV	88.6790, 27.2733, 25.7145
Hunter-Lab	30.6923, 29.3540, -31.5441

Details

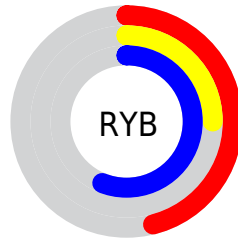
The Hex color **763F90** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **59903F**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **AC71C6**, and **430D5D** is the 20% darker color. If you saturate the color by 10%, you get **713190**, and if you desaturate by 10%, it is **7B4D90**.

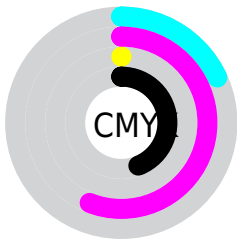
Distribution



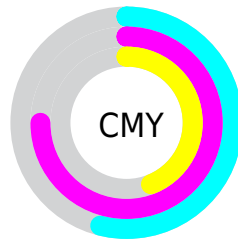
- Red (46%)
- Green (25%)
- Blue (56%)



- Red (46%)
- Yellow (25%)
- Blue (56%)



- Cyan (18%)
- Magenta (56%)
- Yellow (0%)
- Black (44%)



- Cyan (54%)
- Magenta (75%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 763F90 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 763F90 by changing the saturation by 10% instead.

 763F90

 763F90

FFFFFF

 5C2776

 AC71C6

 430D5D

 C88BE2

 2A0045

 E5A6FF

 13002E

 FFC2FF

 000118


 FFDEFF

 000000

 FFFBFF

 763F90

 763F90

 713190

 7B4D90

6D2290

7F5C90

681490

846A90

640590

887990

620090

8D8790

929590

96A490

9BB290

A0C190

Harmonies

Analogous

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



2653A7



763F90



982B6A

Triad

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



763F90



784E00



00696E

Complementary

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



763F90



59903F

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.



006843



763F90



525C00

Square

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



763F90



933B19



1A6417



006794

Rectangle

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



763F90



A0264E



1A6417



006960

Sweetspot

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



763F90



B09BBA



3F5A90



584B5E



DEDEDE



5E5E5E

Same Dimension

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



763F90



923CBA



903F82



454047



5C0087



050008

Inverse Universe

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



903F59



BA3C64



3F904C



474043



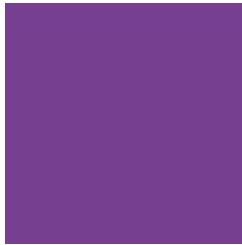
87002B



080002

Previews

White Background



This preview shows how the Hex color 763F90 looks on a white background.

Color Contrast Check

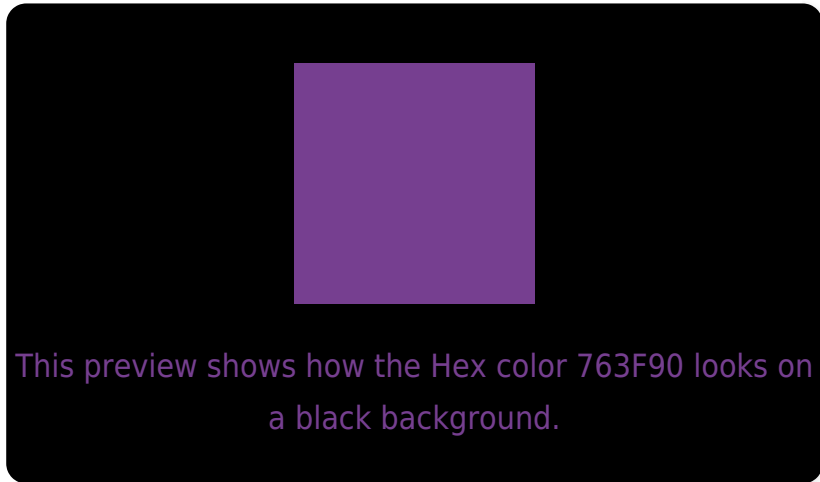
Large Text (above 18pt) WCAG AA ✓ Pass

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

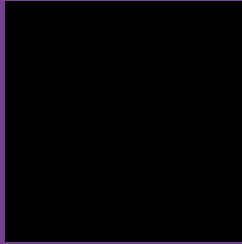
Any Text WCAG AA × Fail

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 763F90 Background



This preview shows how black text looks on a background with the Hex color 763F90.

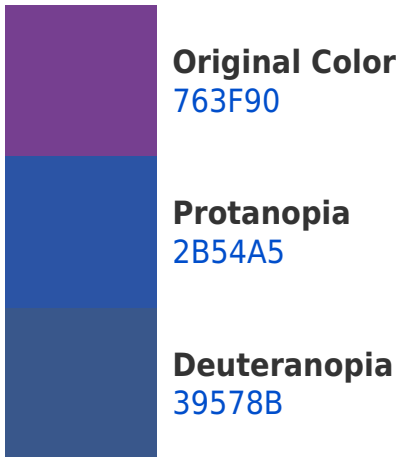


This preview shows how white text looks on a background with the Hex color 763F90.

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
6D4F55

Trichromacy



Original Color
763F90



Protanomaly
464C9D



Deuteranomaly
4F4E8D



Tritanomaly
70496A

Monochromacy



Original Color
763F90



Achromatopsia
595959



Achromatomaly
64506D

CSS Examples

Text

The CSS property to change the color of the text to Hex 763F90 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 #763F90 looks like.

```
.text, #text, p{  
    color:#763F90  
}
```

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 #763F90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #763F90
}
```

Border

The CSS property to change the border of an element to Hex 763F90 is called "border". The border property can be set on classes, ids or directly on the HTML element.

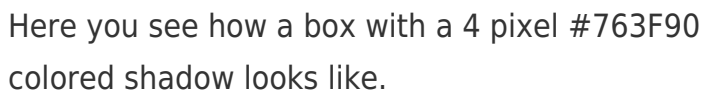
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#763F90 }
```

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

```
.border{ border-color:#763F90 }
```

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



Here you see how a box with a 4 pixel #763F90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #763F90; -webkit-box-shadow:4px 4px  
4px 4px #763F90; box-shadow:4px 4px 4px  
4px #763F90 }
```

Background

The CSS property to change the background color of an element to Hex 763F90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#763F90 }
```

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

```
.background{ background-color:#763F90 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor