

# Converting Colors

Hex(764790)

Have a look what the booklet for  
Hex(764790) contains.

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# Color

**Hex(764790)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	764790
RGB	118, 71, 144
RGB Percent	46%, 28%, 56%
CMY	0.5373, 0.7216, 0.4353
CMYK	0.18, 0.51, 0.00, 0.44
HSL	279°, 34%, 42%
HSV	279°, 51%, 56%
XYZ	14.7585, 10.3716, 27.6096
YIQ	93.3750, 4.5790, 32.6670

# Conversions

## Conversions Part 2

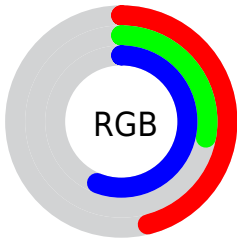
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	118, 71, 144
Decimal	7751568
CIE Lab	38.50, 33.82, -32.62
CIE LCh	39, 46.992, 316.037
Yxy	10.3716, 0.2798, 0.1967
Android (android.graphics.Color)	4285941648 (0xFF764790)
YUV	93.3750, 24.9581, 21.5961
Hunter-Lab	32.2050, 25.4418, -28.2862

# Details

The Hex color **764790** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **619047**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **AC79C6**, and **43185D** is the 20% darker color. If you saturate the color by 10%, you get **713990**, and if you desaturate by 10%, it is **7B5590**.

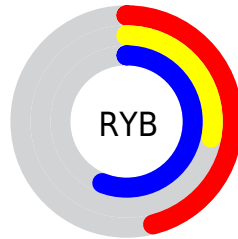
# Distribution



Red (46%)

Green (28%)

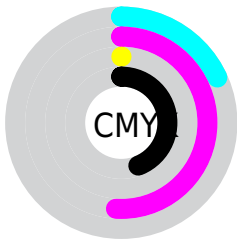
Blue (56%)



Red (46%)

Yellow (28%)

Blue (56%)

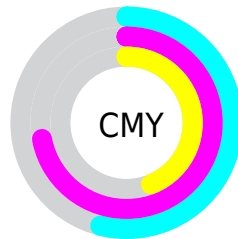


Cyan (18%)

Magenta (51%)

Yellow (0%)

Black (44%)



Cyan (54%)

Magenta (72%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 764790 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 764790 by changing the saturation by 10% instead.



 764790

 764790

FFFFFF

 5C2F76

 AC79C6

 43185D

 C893E2

 2B0045

 E4AEFF

 17002F

 FFCAFF


 000119

 FFE6FF

 000000

 764790

 764790

 713990

 7B5590

 6C2A90

 806490

671C90

857290

610D90

8B8190

5D0090

908F90

959D90

9AAC90

9FBA90

A4C990

# Harmonies

## Analogous

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



3358A4



764790



96376E

# Triad

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



764790



7C5205



006C6F

# Complementary

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



764790



619047

# 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.



006B47



764790



5A5F01

# Square

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



764790



944225



2C6721



006A91

# Rectangle

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



764790



9E3455



2C6721



006C62



# Sweetspot

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



764790



B09EBA



476290



584D5E



DEDEDE



5E5E5E



# Same Dimension

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



764790



9249BA



904786



454047



570087



050008



# Inverse Universe

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



904761



BA4971



479051



474043



870030

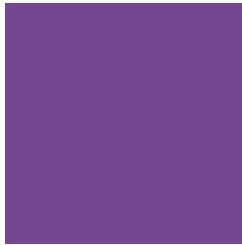


080003



# Previews

## White Background



This preview shows how the Hex color 764790 looks on a white background.

## Color Contrast Check

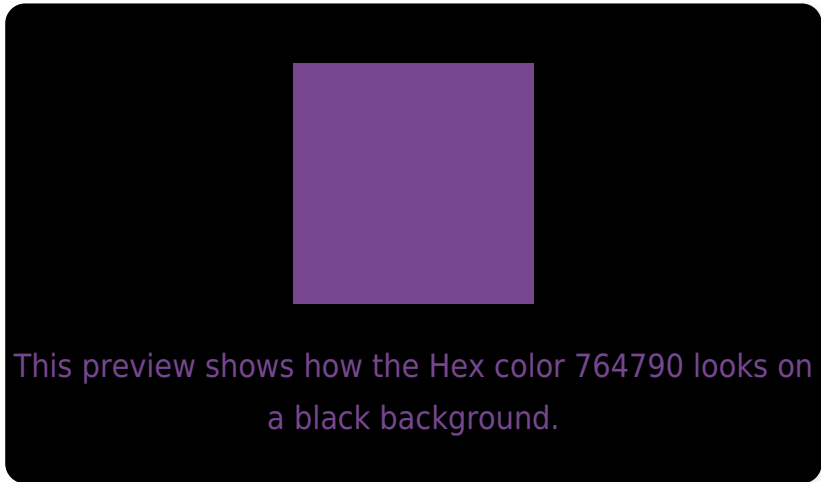
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 764790 Background



This preview shows how black text looks on a background with the Hex color 764790.

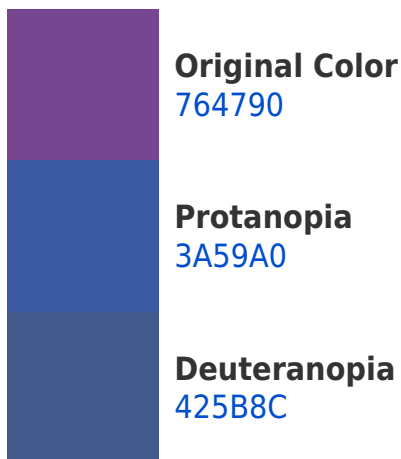


This preview shows how white text looks on a background with the Hex color 764790.

# 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**  
6E545B

# Trichromacy



**Original Color**  
764790

**Protanomaly**  
50529A

**Deuteranomaly**  
55548D

**Tritanomaly**  
714F6E

# Monochromacy



**Original Color**  
764790

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
665570

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 764790 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 #764790 looks like.

```
.text, #text, p{  
    color:#764790  
}
```

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 #764790 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #764790
}
```

## Border

The CSS property to change the border of an element to Hex 764790 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
#764790 }
```

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

```
.border{ border-color:#764790 }
```

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

Here you see how a box with a 4 pixel #764790 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #764790; -webkit-box-shadow:4px 4px  
4px 4px #764790; box-shadow:4px 4px 4px  
4px #764790 }
```

# Background

The CSS property to change the background color of an element to Hex 764790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#764790 }
```

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

```
.background{ background-color:#764790 }
```

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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