

# Converting Colors

Hex(744F97)

Have a look what the booklet for  
Hex(744F97) contains.

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# Color

**Hex(744F97)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	744F97
RGB	116, 79, 151
RGB Percent	45%, 31%, 59%
CMY	0.5451, 0.6902, 0.4078
CMYK	0.23, 0.48, 0.00, 0.41
HSL	271°, 31%, 45%
HSV	271°, 48%, 59%
XYZ	15.5844, 11.5393, 30.6841
YIQ	98.2710, -1.0600, 30.2360

# Conversions

## Conversions Part 2

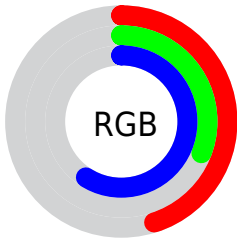
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 79, 151
Decimal	7622551
CIE <sub>Lab</sub>	40.47, 30.24, -33.75
CIE <sub>LCh</sub>	40, 45.320, 311.858
Yxy	11.5393, 0.2696, 0.1996
Android (android.graphics.Color)	4285812631 (0xFF744F97)
YUV	98.2710, 25.9954, 15.5483
Hunter-Lab	33.9696, 22.4443, -29.7768

# Details

The Hex color **744F97** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **72974F**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **AA81CE**, and **412164** is the 20% darker color. If you saturate the color by 10%, you get **6D4097**, and if you desaturate by 10%, it is **7B5E97**.

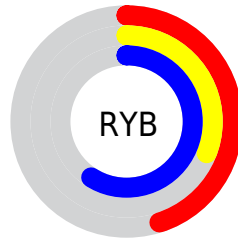
# Distribution



Red (45%)

Green (31%)

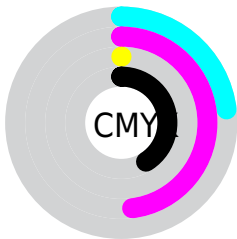
Blue (59%)



Red (45%)

Yellow (31%)

Blue (59%)

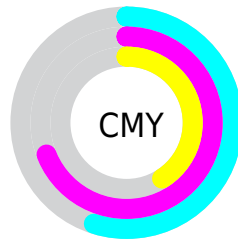


Cyan (23%)

Magenta (48%)

Yellow (0%)

Black (41%)



Cyan (55%)

Magenta (69%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 744F97 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 744F97 by changing the saturation by 10% instead.



744F97

744F97

FFFFFF

5A377D

AA81CE

412164

C59BEA

290A4B

E2B6FF

170034

FFD2FF

00021E

FFEFFF

000000

744F97

744F97

6D4097

7B5E97

653197

836D97

■ 5E2297

■ 8A7C97

■ 571397

■ 918B97

■ 4F0397

■ 999B97

■ 4E0097

■ A0AA97

■ A7B997

■ AFC897

■ B6D797

# Harmonies

## Analogous

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



2E5FA8



744F97



974077

# Triad

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



744F97



845513



00716E

# Complementary

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



744F97



72974F

# 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.



006F47



744F97



64620B

# Square

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



744F97



9B4630



3B6B24



006F90

# Rectangle

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



744F97



A13B5F



3B6B24



007161



# Sweetspot

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



744F97



B7A9C4



4F7397



5B5363



E3E3E3



636363



# Same Dimension

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



744F97



8E54C4



974F97



49454D



48008C



07000D



# Inverse Universe

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



974F72



C4548B



4F974F



4D4549



8C0044

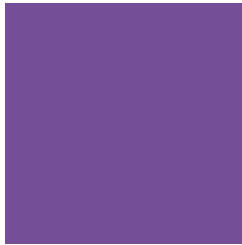


0D0006



# Previews

## White Background



This preview shows how the Hex color 744F97 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

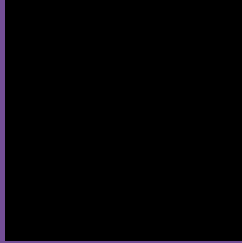
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 744F97 Background



This preview shows how black text looks on a background with the Hex color 744F97.

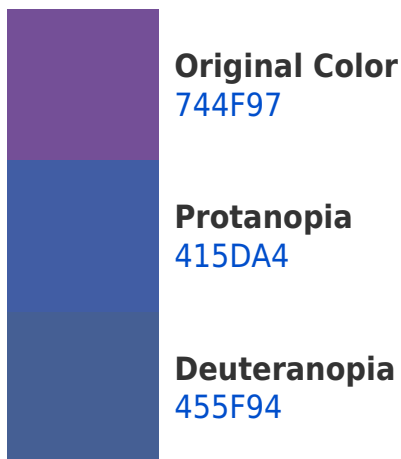


This preview shows how white text looks on a background with the Hex color 744F97.

# 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**  
6B5B62

# Trichromacy



**Original Color**  
744F97

**Protanomaly**  
54589F

**Deuteranomaly**  
565995

**Tritanomaly**  
6E5775

# Monochromacy



**Original Color**  
744F97

**Achromatopsia**  
626262

**Achromatomaly**  
695B75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 744F97 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 #744F97 looks like.

```
.text, #text, p{  
    color:#744F97  
}
```

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 #744F97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #744F97  
}
```

## Border

The CSS property to change the border of an element to Hex 744F97 is called "border". The border property can be set on classes, ids or directly on the HTML element.

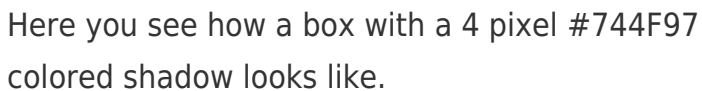
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#744F97 }
```

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

```
.border{ border-color:#744F97 }
```

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



Here you see how a box with a 4 pixel #744F97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #744F97; -webkit-box-shadow:4px 4px  
4px 4px #744F97; box-shadow:4px 4px 4px  
4px #744F97 }
```

# Background

The CSS property to change the background color of an element to Hex 744F97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#744F97 }
```

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

```
.background{ background-color:#744F97 }
```

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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