

# Converting Colors

Hex(745D7E)

Have a look what the booklet for  
Hex(745D7E) contains.

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# Color

**Hex(745D7E)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 745D7E                    |
| RGB           | 116, 93, 126              |
| RGB Percent   | 45%, 36%, 49%             |
| CMY           | 0.5451, 0.6353, 0.5059    |
| CMYK          | 0.08, 0.26, 0.00, 0.51    |
| HSL           | 282°, 15%, 43%            |
| HSV           | 282°, 26%, 49%            |
| XYZ           | 14.8827, 13.0481, 21.4728 |
| YIQ           | 103.6390, 3.1150, 15.1390 |

# Conversions

## Conversions Part 2

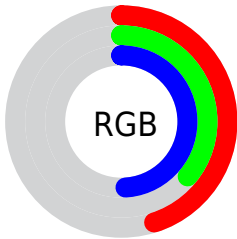
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 116, 93, 126                  |
| Decimal                             | 7626110                       |
| CIE <sub>Lab</sub>                  | 42.84, 15.89, -14.97          |
| CIE <sub>LCh</sub>                  | 43, 21.836, 316.707           |
| Yxy                                 | 13.0481, 0.3012,<br>0.2641    |
| Android<br>(android.graphics.Color) | 4285816190<br>(0xFF745D7E)    |
| YUV                                 | 103.6390, 11.0240,<br>10.8406 |
| Hunter-Lab                          | 36.1221, 10.3303,<br>-9.9595  |

# Details

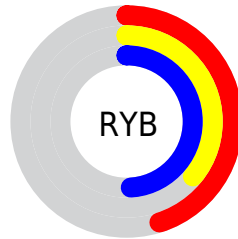
The Hex color **745D7E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **677E5D**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **A88FB3**, and **432F4D** is the 20% darker color. If you saturate the color by 10%, you get **70507E**, and if you desaturate by 10%, it is **786A7E**.

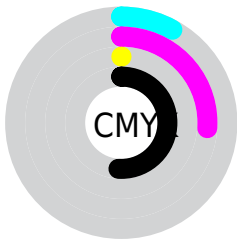
# Distribution



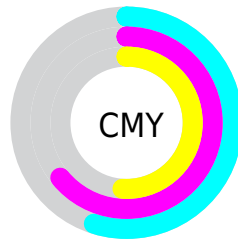
- Red (45%)
- Green (36%)
- Blue (49%)



- Red (45%)
- Yellow (36%)
- Blue (49%)



- Cyan (8%)
- Magenta (26%)
- Yellow (0%)
- Black (51%)



- Cyan (55%)
- Magenta (64%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 745D7E 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 745D7E by changing the saturation by 10% instead.





745D7E



745D7E

FFFFFF



5B4565



A88FB3



432F4D



C4AACE



2D1A36



E0C5EB



1A0021



FCE1FF



000006

FFFEFF



000000



745D7E



745D7E



70507E



786A7E



6C447E



7C767E

69377E

7F837E

652B7E

838F7E

611E7E

879C7E

5D117E

8BA97E

59057E

8FB57E

58007E

93C27E

96CE7E

# Harmonies

## Analogous

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



5C6388



745D7E



84586E

# Triad

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



745D7E



796142



2C6F6F

# Complementary

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



745D7E



677E5D

# 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.



3E6E5C



745D7E



676742

# Square

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



745D7E



855B4C



536C4C



2B6D7F

# Rectangle

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



745D7E



885862



536C4C



316F69



# Sweetspot

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



745D7E



9F96A3



5D677E



4F4952



D1D1D1



525252



# Same Dimension

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



745D7E



9471A3



7E5D78



3E3940



590080



000000



# Inverse Universe

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



7E5D67



A37180



5D7E63



40393B



800027

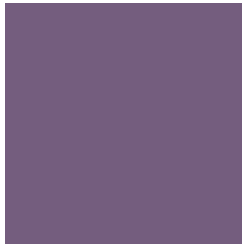


000000



# Previews

## White Background



This preview shows how the Hex color 745D7E looks on a white background.

## Color Contrast Check

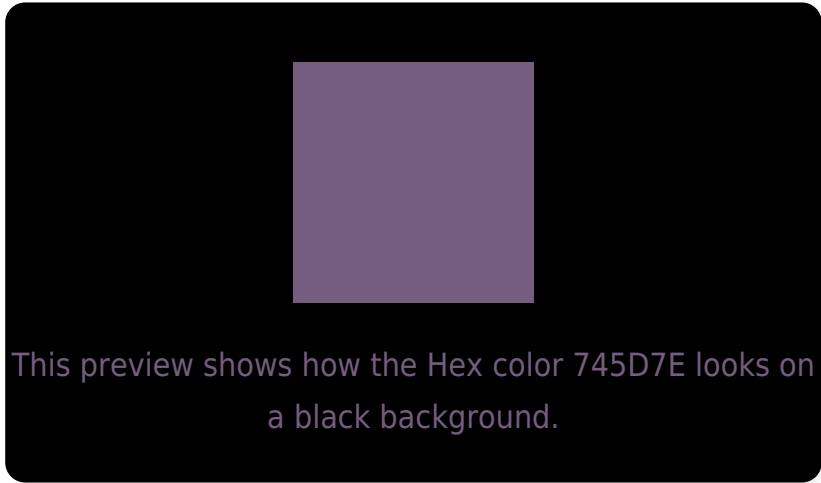
Large Text (above 18pt) WCAG AA ✓ Pass

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

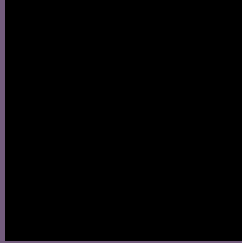
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 745D7E Background



This preview shows how black text looks on a background with the Hex color 745D7E.



This preview shows how white text looks on a background with the Hex color 745D7E.

# 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



**Original Color**  
745D7E

**Protanopia**  
5D6483

**Deuteranopia**  
63637D



**Tritanopia**  
716169

# Trichromacy



**Original Color**

745D7E

**Protanomaly**

656181

**Deuteranomaly**

69617D

**Tritanomaly**

726071

# Monochromacy



**Original Color**

745D7E

**Achromatopsia**

686868

**Achromatomaly**

6C6470

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 745D7E 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 #745D7E looks like.

```
.text, #text, p{  
    color:#745D7E  
}
```

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 #745D7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #745D7E
}
```

## Border

The CSS property to change the border of an element to Hex 745D7E is called "border". The border property can be set on classes, ids or directly on the HTML element.

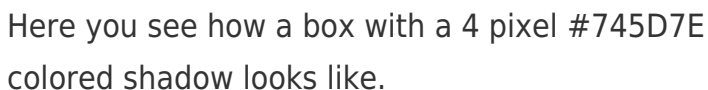
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#745D7E }
```

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

```
.border{ border-color:#745D7E }
```

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



Here you see how a box with a 4 pixel #745D7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #745D7E; -webkit-box-shadow:4px 4px  
4px 4px #745D7E; box-shadow:4px 4px 4px  
4px #745D7E }
```

# Background

The CSS property to change the background color of an element to Hex 745D7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#745D7E }
```

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

```
.background{ background-color:#745D7E }
```

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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