

Converting Colors

Hex(744C7E)

Have a look what the booklet for
Hex(744C7E) contains.

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Color

Hex(744C7E)

Conversions

Conversions Part 1

Format	Color
Hex	744C7E
RGB	116, 76, 126
RGB Percent	45%, 30%, 49%
CMY	0.5451, 0.7020, 0.5059
CMYK	0.08, 0.40, 0.00, 0.51
HSL	288°, 25%, 40%
HSV	288°, 40%, 49%
XYZ	13.5528, 10.3882, 21.0295
YIQ	93.6600, 7.7900, 24.0300

Conversions

Conversions Part 2

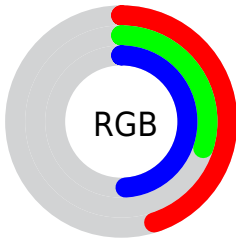
Format	Color
R_{YB}	116, 76, 126
Decimal	7621758
CIE _{Lab}	38.53, 26.17, -21.59
CIE _{LCh}	39, 33.927, 320.480
Yxy	10.3882, 0.3014, 0.2310
Android (android.graphics.Color)	4285811838 (0xFF744C7E)
YUV	93.6600, 15.9436, 19.5922
Hunter-Lab	32.2308, 18.6539, -16.1231

Details

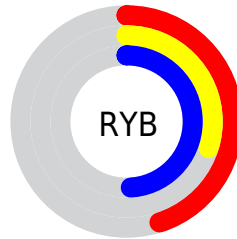
The Hex color **744C7E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **567E4C**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **A97EB3**, and **431E4D** is the 20% darker color. If you saturate the color by 10%, you get **713F7E**, and if you desaturate by 10%, it is **77597E**.

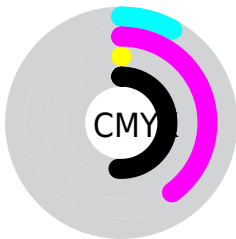
Distribution



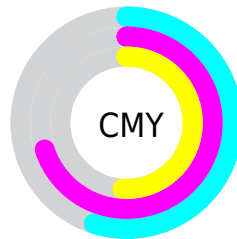
- Red (45%)
- Green (30%)
- Blue (49%)



- Red (45%)
- Yellow (30%)
- Blue (49%)



- Cyan (8%)
- Magenta (40%)
- Yellow (0%)
- Black (51%)



- Cyan (55%)
- Magenta (70%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 744C7E 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 744C7E by changing the saturation by 10% instead.

744C7E

744C7E

FFFFFF

5B3565

A97EB3

431E4D

C498CE

2B0836

E1B3EB

170021

FECFFF

000004

FFEBFF

000000

744C7E

744C7E

713F7E

77597E

6F337E

79657E

6C267E

7C727E

6A1A7E

7E7E7E

670D7E

818B7E

65007E

83987E

86A47E

88B17E

8BBD7E

Harmonies

Analogous

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



4E578E



744C7E



894465

Triad

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



744C7E



725623



00686D

Complementary

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



744C7E



567E4C

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.



006851



744C7E



585F25

Square

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



744C7E



854C31



386536



006685

Rectangle

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



744C7E



8E4352



386536



006964

Sweetspot

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



744C7E



9F90A3



4C567E



4F4652



D1D1D1



525252

Same Dimension

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



744C7E



9455A3



7E4C6F



3E3940



660080



000000

Inverse Universe

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



7E4C56



A35565



4C7E5B



40393B



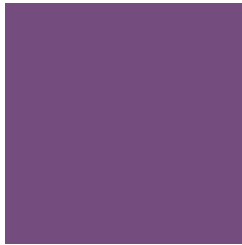
800019



000000

Previews

White Background



This preview shows how the Hex color 744C7E looks on a white background.

Color Contrast Check

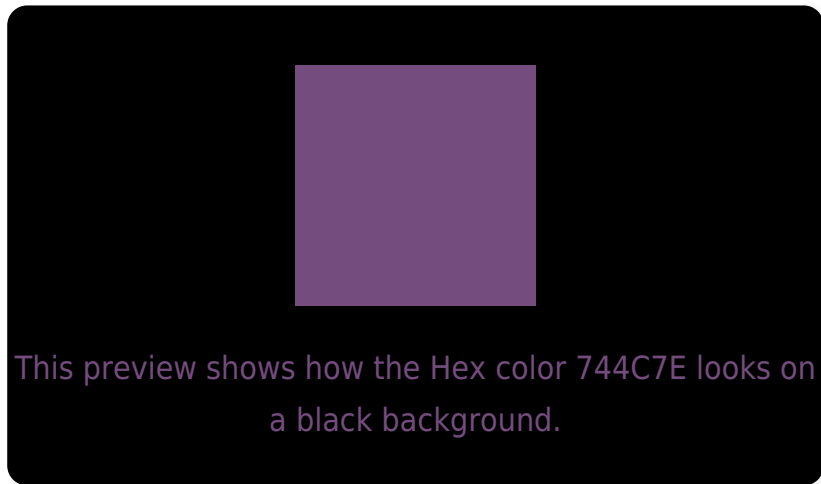
Large Text (above 18pt) WCAG AA ✓ Pass

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

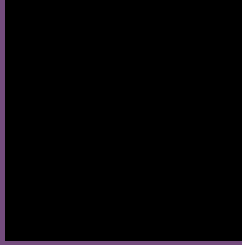
Any Text WCAG AA × Fail

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 744C7E Background



This preview shows how black text looks on a background with the Hex color 744C7E.



This preview shows how white text looks on a background with the Hex color 744C7E.

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
744C7E

Protanopia
4B5989

Deuteranopia
525A7B



Tritanopia
6F545A

Trichromacy



Original Color
744C7E

Protanomaly
5A5485

Deuteranomaly
5E557C

Tritanomaly
715167

Monochromacy



Original Color
744C7E

Achromatopsia
5E5E5E

Achromatomaly
66576A

CSS Examples

Text

The CSS property to change the color of the text to Hex 744C7E 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 #744C7E looks like.

```
.text, #text, p{  
    color:#744C7E  
}
```

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 #744C7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #744C7E
}
```

Border

The CSS property to change the border of an element to Hex 744C7E is called "border". The border property can be set on classes, ids or directly on the HTML element.

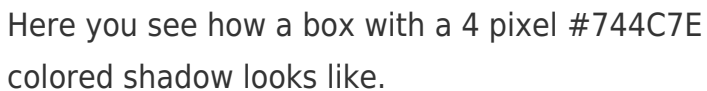
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#744C7E }
```

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

```
.border{ border-color:#744C7E }
```

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



Here you see how a box with a 4 pixel #744C7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #744C7E; -webkit-box-shadow:4px 4px  
4px 4px #744C7E; box-shadow:4px 4px 4px  
4px #744C7E }
```

Background

The CSS property to change the background color of an element to Hex 744C7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#744C7E }
```

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

```
.background{ background-color:#744C7E }
```

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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