

Converting Colors

Hex(742E7E)

Have a look what the booklet for
Hex(742E7E) contains.

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Color

Hex(742E7E)

Conversions

Conversions Part 1

Format	Color
Hex	742E7E
RGB	116, 46, 126
RGB Percent	45%, 18%, 49%
CMY	0.5451, 0.8196, 0.5059
CMYK	0.08, 0.63, 0.00, 0.51
HSL	292°, 47%, 34%
HSV	292°, 63%, 49%
XYZ	11.9453, 7.1734, 20.4937
YIQ	76.0500, 16.0400, 39.7200

Conversions

Conversions Part 2

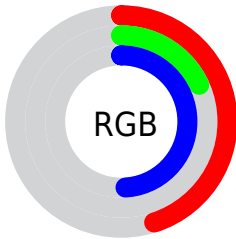
Format	Color
R _Y B	116, 46, 126
Decimal	7614078
CIE Lab	32.20, 42.70, -31.52
CIE LCh	32, 53.072, 323.569
Yxy	7.1734, 0.3016, 0.1811
Android (android.graphics.Color)	4285804158 (0xFF742E7E)
YUV	76.0500, 24.6254, 35.0361
Hunter-Lab	26.7831, 32.7411, -26.6188

Details

The Hex color **742E7E** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **387E2E**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **AA61B3**, and **41004C** is the 20% darker color. If you saturate the color by 10%, you get **72217E**, and if you desaturate by 10%, it is **763B7E**.

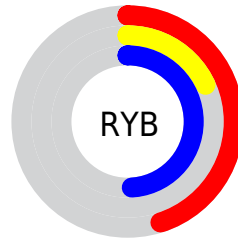
Distribution



Red (45%)

Green (18%)

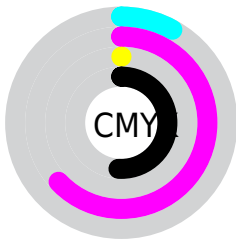
Blue (49%)



Red (45%)

Yellow (18%)

Blue (49%)

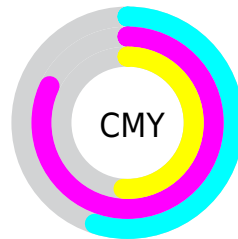


Cyan (8%)

Magenta (63%)

Yellow (0%)

Black (51%)



Cyan (55%)

Magenta (82%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 742E7E 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 742E7E by changing the saturation by 10% instead.

742E7E

742E7E

FFFFFF

5A1365

AA61B3

41004C

C67BCF

2A0035

E395EB

02001F

FFB1FF

000002

FFCDDF

000000

FFE9FF

742E7E

742E7E

72217E

763B7E

71157E

77477E

6F087E

79547E

6E007E

7A607E

7C6D7E

7D7A7E

7F867E

81937E

829F7E

Harmonies

Analogous

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



314599



742E7E



901757

Triad

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



742E7E



654700



005E6C

Complementary

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



742E7E



387E2E

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.



005D41



742E7E



3D5300

Square

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



742E7E



823402



005A14



005B8F

Rectangle

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



742E7E



94163B



005A14



005E5E

Sweetspot

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



742E7E



9F84A3



2E397E



4F3F52



D1D1D1



525252

Same Dimension

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



742E7E



9427A3



7E2E61



3F3940



700080



000000

Inverse Universe

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



7E2E38



A32737



2E7E4B



40393A



800010



000000

Previews

White Background



This preview shows how the Hex color 742E7E looks on a white background.

Color Contrast Check

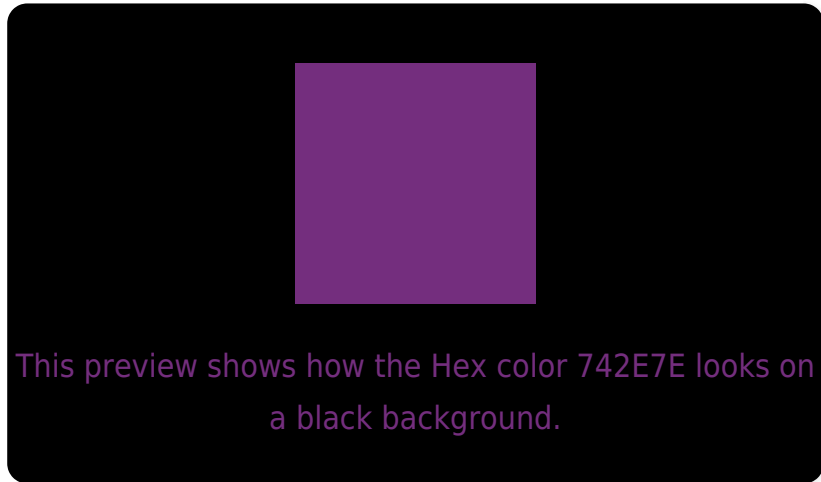
Large Text (above 18pt) WCAG AA ✓ Pass

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

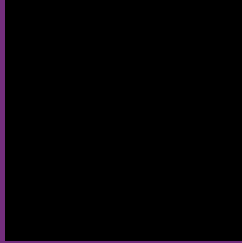
Any Text WCAG AA × Fail

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 742E7E Background



This preview shows how black text looks on a background with the Hex color 742E7E.



This preview shows how white text looks on a background with the Hex color 742E7E.

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
742E7E

Protanopia
174A99

Deuteranopia
344D79



Tritanopia
6D3F44

Trichromacy



Original Color
742E7E



Protanomaly
39408F



Deuteranomaly
4B427B



Tritanomaly
703959

Monochromacy



Original Color
742E7E



Achromatopsia
4C4C4C



Achromatomaly
5B415E

CSS Examples

Text

The CSS property to change the color of the text to Hex 742E7E 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 #742E7E looks like.

```
.text, #text, p{  
    color:#742E7E  
}
```

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 #742E7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #742E7E
}
```

Border

The CSS property to change the border of an element to Hex 742E7E is called "border". The border property can be set on classes, ids or directly on the HTML element.

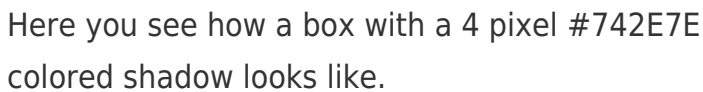
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#742E7E }
```

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

```
.border{ border-color:#742E7E }
```

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



Here you see how a box with a 4 pixel #742E7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #742E7E; -webkit-box-shadow:4px 4px  
4px 4px #742E7E; box-shadow:4px 4px 4px  
4px #742E7E }
```

Background

The CSS property to change the background color of an element to Hex 742E7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#742E7E }
```

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

```
.background{ background-color:#742E7E }
```

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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