

Converting Colors

Hex(745A8E)

Have a look what the booklet for
Hex(745A8E) contains.

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Color

Hex(745A8E)

Conversions

Conversions Part 1

Format	Color
Hex	745A8E
RGB	116, 90, 142
RGB Percent	45%, 35%, 56%
CMY	0.5451, 0.6471, 0.4431
CMYK	0.18, 0.37, 0.00, 0.44
HSL	270°, 22%, 45%
HSV	270°, 37%, 56%
XYZ	15.7411, 12.9783, 27.2666
YIQ	103.7020, -1.1960, 21.6840

Conversions

Conversions Part 2

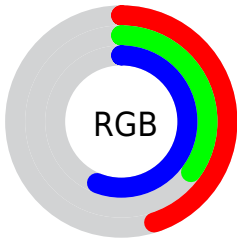
Format	Color
R_{YB}	116, 90, 142
Decimal	7625358
CIE _{Lab}	42.73, 21.43, -24.80
CIE _{LCh}	43, 32.779, 310.828
Yxy	12.9783, 0.2812, 0.2318
Android (android.graphics.Color)	4285815438 (0xFF745A8E)
YUV	103.7020, 18.8809, 10.7853
Hunter-Lab	36.0254, 14.9500, -19.6571

Details

The Hex color **745A8E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **748E5A**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **A98CC4**, and **432C5B** is the 20% darker color. If you saturate the color by 10%, you get **6D4C8E**, and if you desaturate by 10%, it is **7B688E**.

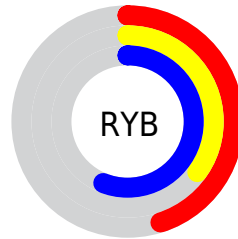
Distribution



Red (45%)

Green (35%)

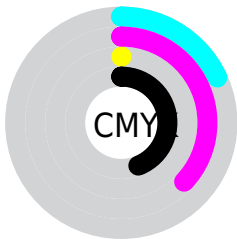
Blue (56%)



Red (45%)

Yellow (35%)

Blue (56%)

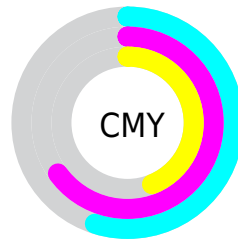


Cyan (18%)

Magenta (37%)

Yellow (0%)

Black (44%)



Cyan (55%)

Magenta (65%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 745A8E 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 745A8E by changing the saturation by 10% instead.

■ 745A8E

■ 745A8E

FFFFFF

■ 5B4274

■ A98CC4

■ 432C5B

■ C4A7E0

■ 2B1644

■ E1C2FD

■ 18002D

■ FDDEFF

■ 000118

■ FFFBFF

■ 000000

■ 745A8E

■ 745A8E

■ 6D4C8E

■ 7B688E

■ 663E8E

■ 82768E

5F2F8E

89858E

58218E

90938E

51138E

98A18E

49058E

9FAF8E

47008E

A6BD8E

ADCC8E

B4DA8E

Harmonies

Analogous

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



4A649A



745A8E



8E5177

Triad

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



745A8E



845D31



00736E

Complementary

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



745A8E



748E5A

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.



277252



745A8E



6C672E

Square

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



745A8E



945443



4E6D3B



007188

Rectangle

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



745A8E



964E65



4E6D3B



007365

Sweetspot

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



745A8E



AEA3B8



5A748E



56505C



DBDBDB



5C5C5C

Same Dimension

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



745A8E



8F67B8



8E5A8E



444047



440087



040008

Inverse Universe

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



8E5A74



B8678F



5A8E5A



474044



870044



080004

Previews

White Background



This preview shows how the Hex color 745A8E looks on a white background.

Color Contrast Check

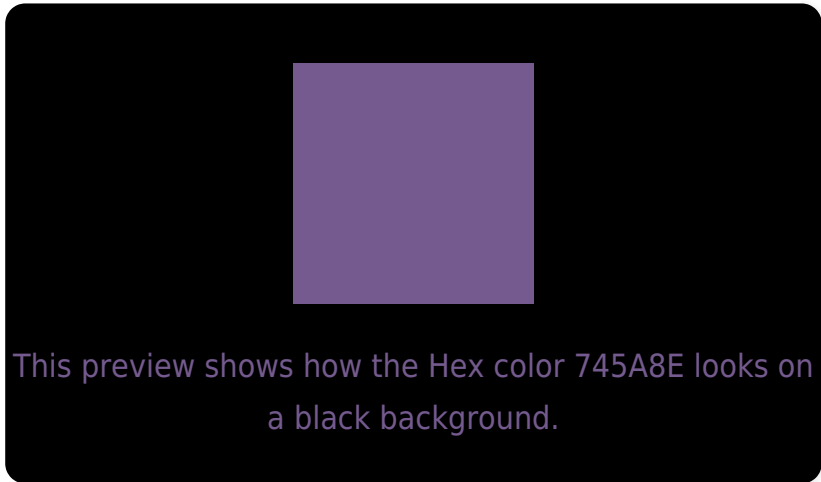
Large Text (above 18pt) WCAG AA ✓ Pass

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

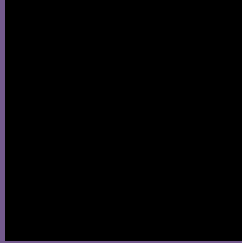
Any Text WCAG AA × Fail

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 745A8E Background



This preview shows how black text looks on a background with the Hex color 745A8E.



This preview shows how white text looks on a background with the Hex color 745A8E.

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
6E6269

Trichromacy



Original Color
745A8E

Protanomaly
606093

Deuteranomaly
62608D

Tritanomaly
705F76

Monochromacy



Original Color
745A8E

Achromatopsia
686868

Achromatomaly
6C6376

CSS Examples

Text

The CSS property to change the color of the text to Hex 745A8E 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 #745A8E looks like.

```
.text, #text, p{  
    color:#745A8E  
}
```

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 #745A8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #745A8E
}
```

Border

The CSS property to change the border of an element to Hex 745A8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

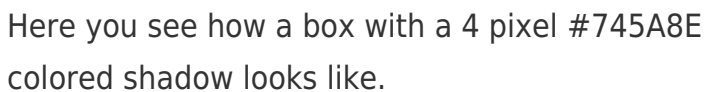
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#745A8E }
```

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

```
.border{ border-color:#745A8E }
```

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



Here you see how a box with a 4 pixel #745A8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #745A8E; -webkit-box-shadow:4px 4px  
4px 4px #745A8E; box-shadow:4px 4px 4px  
4px #745A8E }
```

Background

The CSS property to change the background color of an element to Hex 745A8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#745A8E }
```

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

```
.background{ background-color:#745A8E }
```

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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