

Converting Colors

Hex(745C86)

Have a look what the booklet for
Hex(745C86) contains.

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Color

Hex(745C86)

Conversions

Conversions Part 1

Format	Color
Hex	745C86
RGB	116, 92, 134
RGB Percent	45%, 36%, 53%
CMY	0.5451, 0.6392, 0.4745
CMYK	0.13, 0.31, 0.00, 0.47
HSL	274°, 19%, 44%
HSV	274°, 31%, 53%
XYZ	15.3327, 13.0885, 24.2725
YIQ	103.9640, 0.8220, 18.1500

Conversions

Conversions Part 2

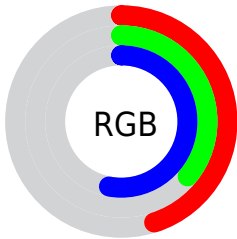
Format	Color
R_{YB}	116, 92, 134
Decimal	7625862
CIE _{Lab}	42.90, 18.32, -19.72
CIE _{LCh}	43, 26.919, 312.889
Yxy	13.0885, 0.2910, 0.2484
Android (android.graphics.Color)	4285815942 (0xFF745C86)
YUV	103.9640, 14.8077, 10.5556
Hunter-Lab	36.1781, 12.3387, -14.4540

Details

The Hex color **745C86** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6E865C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **A98EBB**, and **432E54** is the 20% darker color. If you saturate the color by 10%, you get **6E4F86**, and if you desaturate by 10%, it is **7A6986**.

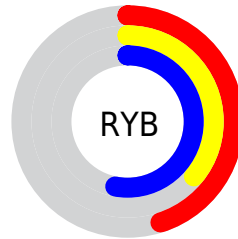
Distribution



Red (45%)

Green (36%)

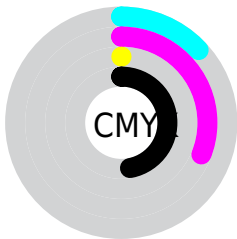
Blue (53%)



Red (45%)

Yellow (36%)

Blue (53%)

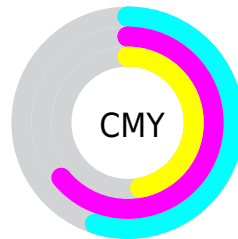


Cyan (13%)

Magenta (31%)

Yellow (0%)

Black (47%)



Cyan (55%)

Magenta (64%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 745C86 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 745C86 by changing the saturation by 10% instead.

■ 745C86

■ 745C86

FFFFFF

■ 5B446D

■ A98EBB

■ 432E54

■ C4A9D7

■ 2C183D

■ E0C4F4

■ 190027

■ FDE0FF

■ 000111

■ FFFDFD

■ 000000

■ 745C86

■ 745C86

■ 6E4F86

■ 7A6986

■ 694186

■ 7F7786

633486

858486

5D2686

8B9286

571986

919F86

520C86

96AC86

4D0086

9CBA86

A2C786

A8D586

Harmonies

Analogous

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



546490



745C86



895573

Triad

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



745C86



7F603B



10716E

Complementary

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



745C86



6E865C

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.



357057



745C86



6A6739

Square

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



745C86



8C5848



526D44



007083

Rectangle

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



745C86



8F5464



526D44



1E7167

Sweetspot

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



745C86



A79EAD



5C6E86



534D57



D6D6D6



575757

Same Dimension

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



745C86



916CAD



865C83



3F3C42



4A0082



010003

Inverse Universe

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



865C6E



AD6C88



5C865F



423C3F



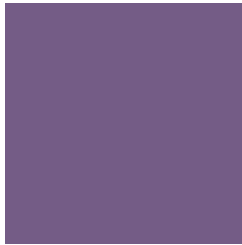
820038



030001

Previews

White Background



This preview shows how the Hex color 745C86 looks on a white background.

Color Contrast Check

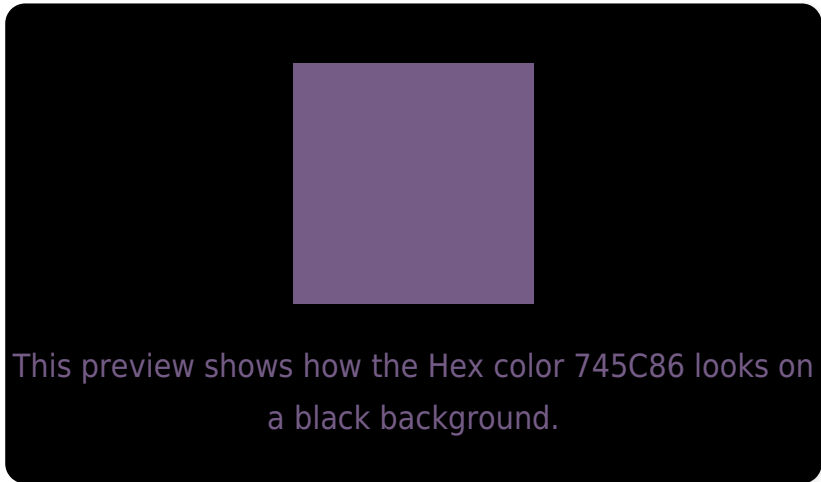
Large Text (above 18pt) WCAG AA ✓ Pass

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

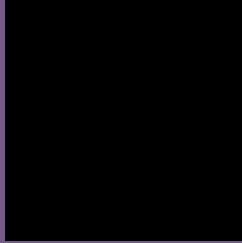
Any Text WCAG AA × Fail

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 745C86 Background



This preview shows how black text looks on a background with the Hex color 745C86.



This preview shows how white text looks on a background with the Hex color 745C86.

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
745C86

Protanopia
59648C

Deuteranopia
5F6484



Tritanopia
6F6269

Trichromacy



Original Color

745C86

Protanomaly

63618A

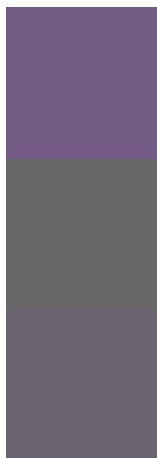
Deuteranomaly

676185

Tritanomaly

716074

Monochromacy



Original Color

745C86

Achromatopsia

686868

Achromatomaly

6C6473

CSS Examples

Text

The CSS property to change the color of the text to Hex 745C86 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 #745C86 looks like.

```
.text, #text, p{  
    color:#745C86  
}
```

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 #745C86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #745C86
}
```

Border

The CSS property to change the border of an element to Hex 745C86 is called "border". The border property can be set on classes, ids or directly on the HTML element.

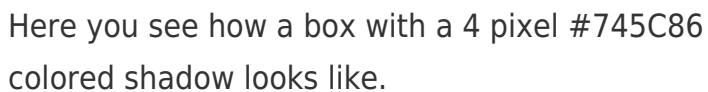
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#745C86 }
```

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

```
.border{ border-color:#745C86 }
```

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



Here you see how a box with a 4 pixel #745C86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #745C86; -webkit-box-shadow:4px 4px  
4px 4px #745C86; box-shadow:4px 4px 4px  
4px #745C86 }
```

Background

The CSS property to change the background color of an element to Hex 745C86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#745C86 }
```

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

```
.background{ background-color:#745C86 }
```

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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