

Converting Colors

Hex(745F8D)

Have a look what the booklet for
Hex(745F8D) contains.

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Color

Hex(745F8D)

Conversions

Conversions Part 1

Format	Color
Hex	745F8D
RGB	116, 95, 141
RGB Percent	45%, 37%, 55%
CMY	0.5451, 0.6275, 0.4471
CMYK	0.18, 0.33, 0.00, 0.45
HSL	267°, 19%, 46%
HSV	267°, 33%, 55%
XYZ	16.1024, 13.8205, 27.0182
YIQ	106.5230, -2.2500, 18.7580

Conversions

Conversions Part 2

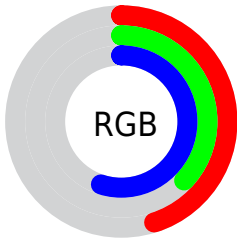
Format	Color
R_{YB}	116, 95, 141
Decimal	7626637
CIE _{Lab}	43.97, 18.15, -22.27
CIE _{LCh}	44, 28.736, 309.181
Yxy	13.8205, 0.2828, 0.2427
Android (android.graphics.Color)	4285816717 (0xFF745F8D)
YUV	106.5230, 16.9972, 8.3113
Hunter-Lab	37.1759, 12.2576, -17.0668

Details

The Hex color **745F8D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **788D5F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **A992C3**, and **43315B** is the 20% darker color. If you saturate the color by 10%, you get **6C518D**, and if you desaturate by 10%, it is **7C6D8D**.

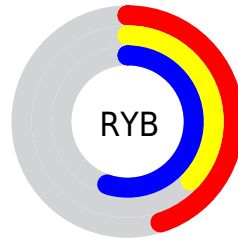
Distribution



Red (45%)

Green (37%)

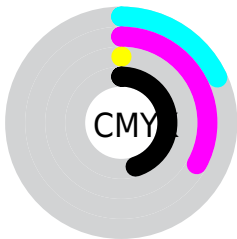
Blue (55%)



Red (45%)

Yellow (37%)

Blue (55%)

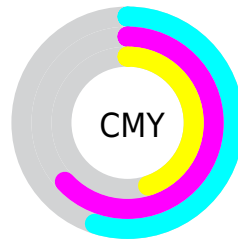


Cyan (18%)

Magenta (33%)

Yellow (0%)

Black (45%)



Cyan (55%)

Magenta (63%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 745F8D 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 745F8D by changing the saturation by 10% instead.

■ 745F8D

■ 745F8D

FFFFFF

■ 5B4773

■ A992C3

■ 43315B

■ C4ACDF

■ 2C1B43

■ E0C8FB

■ 17032D

■ FDE4FF

■ 000117

■ 000000

■ 745F8D

■ 745F8D

■ 6C518D

■ 7C6D8D

■ 65438D

■ 837B8D

5D358D

8B898D

55278D

93978D

4E188D

9AA68D

460A8D

A2B48D

40008D

AAC28D

B1D08D

B9DE8D

Harmonies

Analogous

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



506897



745F8D



8C5779

Triad

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



745F8D



85613C



08756F

Complementary

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



745F8D



788D5F

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.



387356



745F8D



706938

Square

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



745F8D



93594B



566F42



007385

Rectangle

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



745F8D



94556A



566F42



1D7466

Sweetspot

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



745F8D



AEA5B8



5F788D



56515C



DBDBDB



5C5C5C

Same Dimension

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



745F8D



9170B8



8B5F8D



444047



3E0087



030008

Inverse Universe

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



8D5F78



B87097



618D5F



474044



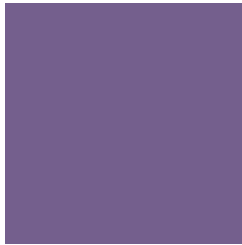
870049



080004

Previews

White Background



This preview shows how the Hex color 745F8D looks on a white background.

Color Contrast Check

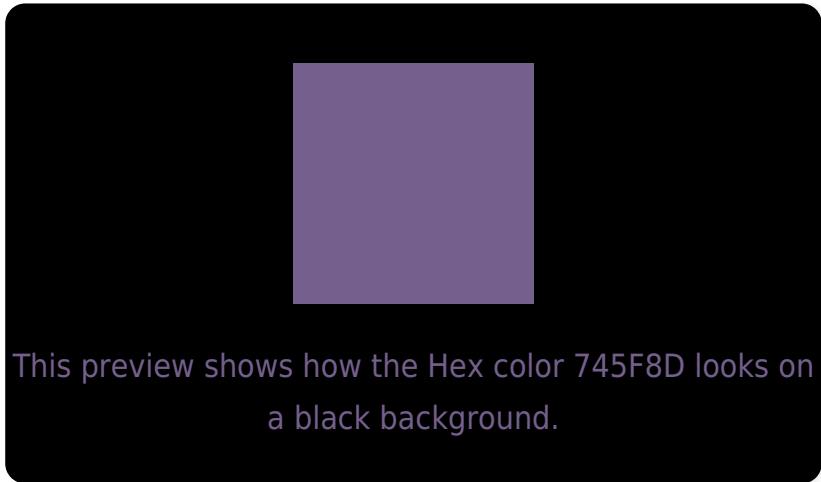
Large Text (above 18pt) WCAG AA ✓ Pass

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

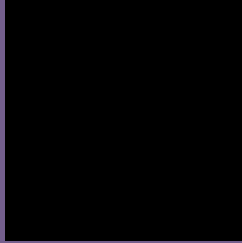
Any Text WCAG AA × Fail

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 745F8D Background



This preview shows how black text looks on a background with the Hex color 745F8D.



This preview shows how white text looks on a background with the Hex color 745F8D.

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](#).

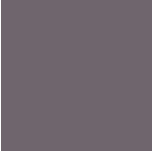
Dichromacy



Original Color
745F8D

Protanopia
5A6793

Deuteranopia
5E678B



Tritanopia
6F656D

Trichromacy



Original Color
745F8D

Protanomaly
636491

Deuteranomaly
66648C

Tritanomaly
716379

Monochromacy



Original Color
745F8D

Achromatopsia
6B6B6B

Achromatomaly
6E6777

CSS Examples

Text

The CSS property to change the color of the text to Hex 745F8D 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 #745F8D looks like.

```
.text, #text, p{  
    color:#745F8D  
}
```

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 #745F8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #745F8D
}
```

Border

The CSS property to change the border of an element to Hex 745F8D 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
#745F8D }
```

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

```
.border{ border-color:#745F8D }
```

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

Here you see how a box with a 4 pixel #745F8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #745F8D; -webkit-box-shadow:4px 4px  
4px 4px #745F8D; box-shadow:4px 4px 4px  
4px #745F8D }
```

Background

The CSS property to change the background color of an element to Hex 745F8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#745F8D }
```

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

```
.background{ background-color:#745F8D }
```

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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