

Converting Colors

Hex(735D8C)

Have a look what the booklet for
Hex(735D8C) contains.

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Color

Hex(735D8C)

Conversions

Conversions Part 1

Format	Color
Hex	735D8C
RGB	115, 93, 140
RGB Percent	45%, 36%, 55%
CMY	0.5490, 0.6353, 0.4510
CMYK	0.18, 0.34, 0.00, 0.45
HSL	268°, 20%, 46%
HSV	268°, 34%, 55%
XYZ	15.7182, 13.3670, 26.5626
YIQ	104.9360, -1.9750, 19.2810

Conversions

Conversions Part 2

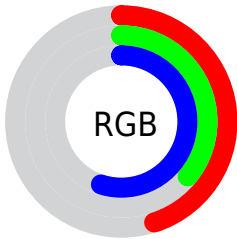
Format	Color
R_{YB}	115, 93, 140
Decimal	7560588
CIE _{Lab}	43.31, 18.80, -22.71
CIE _{LCh}	43, 29.477, 309.615
Yxy	13.3670, 0.2825, 0.2402
Android (android.graphics.Color)	4285750668 (0xFF735D8C)
YUV	104.9360, 17.2866, 8.8261
Hunter-Lab	36.5609, 12.7589, -17.4833

Details

The Hex color **735D8C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **768C5D**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A890C2**, and **422F5A** is the 20% darker color. If you saturate the color by 10%, you get **6C4F8C**, and if you desaturate by 10%, it is **7A6B8C**.

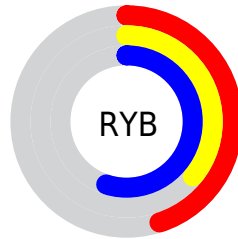
Distribution



Red (45%)

Green (36%)

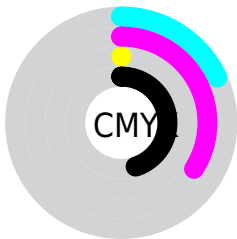
Blue (55%)



Red (45%)

Yellow (36%)

Blue (55%)

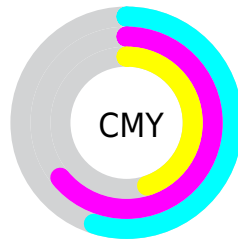


Cyan (18%)

Magenta (34%)

Yellow (0%)

Black (45%)



Cyan (55%)

Magenta (64%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 735D8C 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 735D8C by changing the saturation by 10% instead.

735D8C

735D8C

FFFFFF

5A4572

A890C2

422F5A

C3AADE

2B1942

DFC5FA

17002C

FCE1FF

000116

FFFEFF

000000

735D8C

735D8C

6C4F8C

7A6B8C

64418C

82798C

5D338C

89878C

55258C

91958C

4E178C

98A38C

46098C

A0B18C

42008C

A7BF8C

AFCD8C

B6DB8C

Harmonies

Analogous

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



4E6696



735D8C



8B5578

Triad

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



735D8C



845F39



00736E

Complementary

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



735D8C



768C5D

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.



347255



735D8C



6E6735

Square

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



735D8C



925748



546E40



007285

Rectangle

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



735D8C



935368



546E40



157365

Sweetspot

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



735D8C



ABA3B5



5D768C



56515C



DBDBDB



5C5C5C

Same Dimension

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



735D8C



8F6DB5



8A5D8C



413E45



3E0085



020005

Inverse Universe

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



8C5D76



B56D93



5F8C5D



453E42



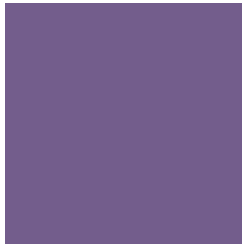
850047



050003

Previews

White Background



This preview shows how the Hex color 735D8C looks on a white background.

Color Contrast Check

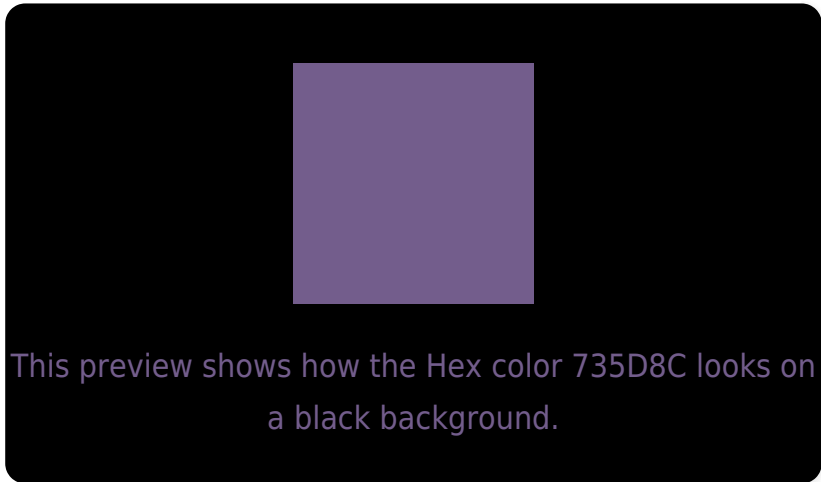
Large Text (above 18pt) WCAG AA ✓ Pass

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

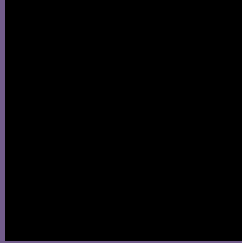
Any Text WCAG AA × Fail

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 735D8C Background



This preview shows how black text looks on a background with the Hex color 735D8C.



This preview shows how white text looks on a background with the Hex color 735D8C.

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
735D8C

Protanopia
586592

Deuteranopia
5C658A



Tritanopia
6E646B

Trichromacy



Original Color
735D8C

Protanomaly
626290

Deuteranomaly
64628B

Tritanomaly
706177

Monochromacy



Original Color
735D8C

Achromatopsia
696969

Achromatomaly
6D6576

CSS Examples

Text

The CSS property to change the color of the text to Hex 735D8C 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 #735D8C looks like.

```
.text, #text, p{  
    color:#735D8C  
}
```

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 #735D8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #735D8C
}
```

Border

The CSS property to change the border of an element to Hex 735D8C is called "border". The border property can be set on classes, ids or directly on the HTML element.

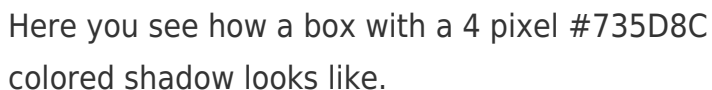
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#735D8C }
```

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

```
.border{ border-color:#735D8C }
```

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



Here you see how a box with a 4 pixel #735D8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #735D8C; -webkit-box-shadow:4px 4px  
4px 4px #735D8C; box-shadow:4px 4px 4px  
4px #735D8C }
```

Background

The CSS property to change the background color of an element to Hex 735D8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#735D8C }
```

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

```
.background{ background-color:#735D8C }
```

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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