

Converting Colors

Hex(735A8C)

Have a look what the booklet for
Hex(735A8C) contains.

| | |
|--|----|
| Hex(735A8C) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(735A8C)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 735A8C |
| RGB | 115, 90, 140 |
| RGB Percent | 45%, 35%, 55% |
| CMY | 0.5490, 0.6471, 0.4510 |
| CMYK | 0.18, 0.36, 0.00, 0.45 |
| HSL | 270°, 22%, 45% |
| HSV | 270°, 36%, 55% |
| XYZ | 15.4600, 12.8506, 26.4765 |
| YIQ | 103.1750, -1.1500, 20.8500 |

Conversions

Conversions Part 2

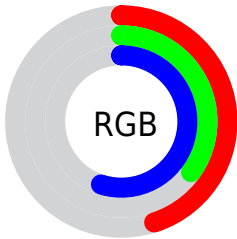
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 115, 90, 140 |
| Decimal | 7559820 |
| CIE _{Lab} | 42.54, 20.62, -23.91 |
| CIE _{LCh} | 43, 31.571, 310.778 |
| Yxy | 12.8506, 0.2822, 0.2346 |
| Android (android.graphics.Color) | 4285749900 (0xFF735A8C) |
| YUV | 103.1750, 18.1547, 10.3705 |
| Hunter-Lab | 35.8478, 14.2479, -18.6971 |

Details

The Hex color **735A8C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **738C5A**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **A88CC2**, and **422C5A** is the 20% darker color. If you saturate the color by 10%, you get **6C4C8C**, and if you desaturate by 10%, it is **7A688C**.

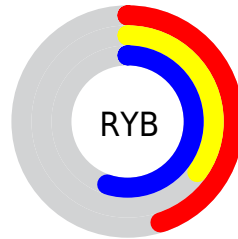
Distribution



Red (45%)

Green (35%)

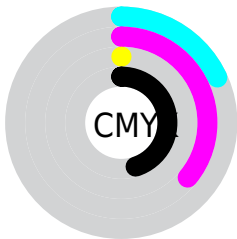
Blue (55%)



Red (45%)

Yellow (35%)

Blue (55%)

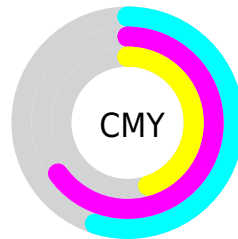


Cyan (18%)

Magenta (36%)

Yellow (0%)

Black (45%)



Cyan (55%)

Magenta (65%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 735A8C 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 735A8C by changing the saturation by 10% instead.

 735A8C

 735A8C

FFFFFF

 5A4272

 A88CC2

 422C5A

 C3A7DE

 2A1742

 DFC2FA

 17002C

 FCDEFF

 000116

 FFFBFF

 000000


 735A8C

 735A8C

 6C4C8C

 7A688C

 653E8C

 81768C

■ 5E308C

■ 88848C

■ 57228C

■ 8F928C

■ 50148C

■ 96A08C

■ 49068C

■ 9DAE8C

■ 46008C

■ A4BC8C

■ ABCA8C

■ B2D88C

Harmonies

Analogous

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



4B6497



735A8C



8C5276

Triad

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



735A8C



825D33



00726D

Complementary

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



735A8C



738C5A

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.



2A7152



735A8C



6B6630

Square

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



735A8C



925444



4F6D3C



007086

Rectangle

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



735A8C



944F65



4F6D3C



007264

Sweetspot

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



735A8C



ABA1B5



5A738C



56505C



DBDBDB



5C5C5C

Same Dimension

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



735A8C



8E67B5



8C5A8C



413E45



420085



030005

Inverse Universe

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



8C5A73



B5678E



5A8C5A



453E41



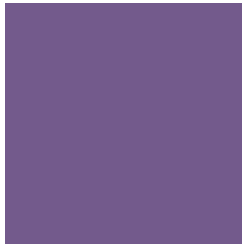
850042



050003

Previews

White Background



This preview shows how the Hex color 735A8C looks on a white background.

Color Contrast Check

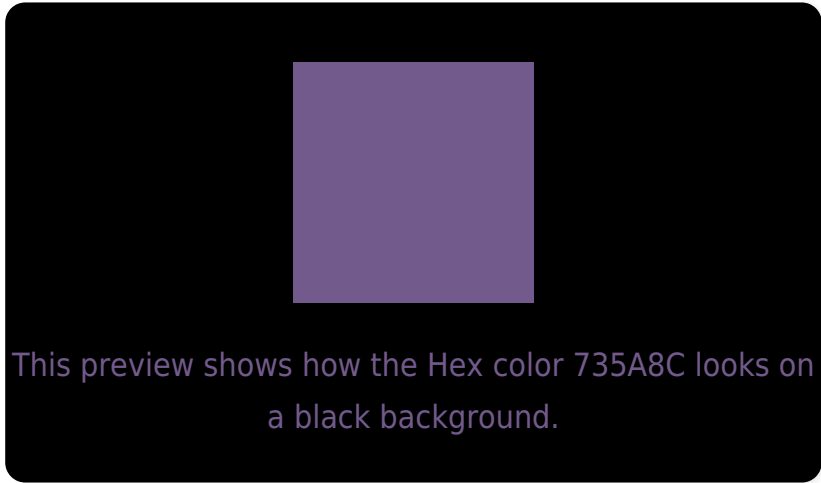
Large Text (above 18pt) WCAG AA ✓ Pass

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

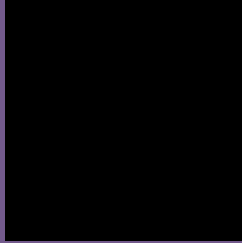
Any Text WCAG AA × Fail

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 735A8C Background



This preview shows how black text looks on a background with the Hex color 735A8C.




This preview shows how white text looks on a background with the Hex color 735A8C.

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
6D6169

Trichromacy



Original Color
735A8C

Protanomaly
606090

Deuteranomaly
62608B

Tritanomaly
6F5E76

Monochromacy



Original Color
735A8C

Achromatopsia
676767

Achromatomaly
6B6274

CSS Examples

Text

The CSS property to change the color of the text to Hex 735A8C 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 #735A8C looks like.

```
.text, #text, p{  
    color:#735A8C  
}
```

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 #735A8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #735A8C
}
```

Border

The CSS property to change the border of an element to Hex 735A8C is called "border". The border property can be set on classes, ids or directly on the HTML element.

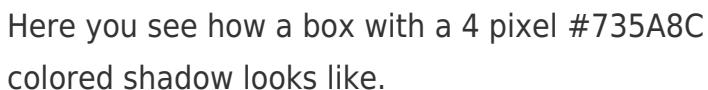
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#735A8C }
```

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

```
.border{ border-color:#735A8C }
```

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



Here you see how a box with a 4 pixel #735A8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #735A8C; -webkit-box-shadow:4px 4px  
4px 4px #735A8C; box-shadow:4px 4px 4px  
4px #735A8C }
```

Background

The CSS property to change the background color of an element to Hex 735A8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#735A8C }
```

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

```
.background{ background-color:#735A8C }
```

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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