

Converting Colors

Hex(735789)

Have a look what the booklet for
Hex(735789) contains.

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Color

Hex(735789)

Conversions

Conversions Part 1

Format	Color
Hex	735789
RGB	115, 87, 137
RGB Percent	45%, 34%, 54%
CMY	0.5490, 0.6588, 0.4627
CMYK	0.16, 0.36, 0.00, 0.46
HSL	274°, 22%, 44%
HSV	274°, 36%, 54%
XYZ	14.9938, 12.2674, 25.2445
YIQ	101.0720, 0.6380, 21.4860

Conversions

Conversions Part 2

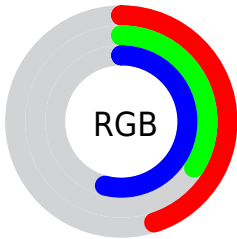
Format	Color
R_{YB}	115, 87, 137
Decimal	7559049
CIE _{Lab}	41.64, 21.72, -23.49
CIE _{LCh}	42, 31.996, 312.764
Yxy	12.2674, 0.2856, 0.2336
Android (android.graphics.Color)	4285749129 (0xFF735789)
YUV	101.0720, 17.7125, 12.2149
Hunter-Lab	35.0248, 15.1207, -18.2165

Details

The Hex color **735789** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6D8957**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **A889BF**, and **422957** is the 20% darker color. If you saturate the color by 10%, you get **6D4989**, and if you desaturate by 10%, it is **796589**.

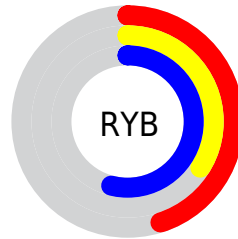
Distribution



Red (45%)

Green (34%)

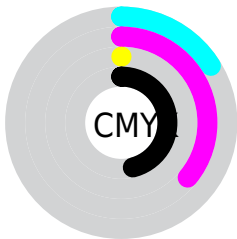
Blue (54%)



Red (45%)

Yellow (34%)

Blue (54%)

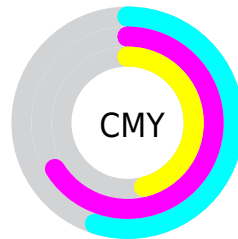


Cyan (16%)

Magenta (36%)

Yellow (0%)

Black (46%)



Cyan (55%)

Magenta (66%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 735789 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 735789 by changing the saturation by 10% instead.

735789

735789

FFFFFF

5A3F6F

A889BF

422957

C3A4DA

2A143F

DFBFF7

180029

FCDBFF

000113

FFF7FF

000000

735789

735789

6D4989

796589

673C89

7F7289

612E89

858089

5B2089

8B8E89

551389

919B89

4F0589

97A989

4D0089

9DB789

A3C589

A9D289

Harmonies

Analogous

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



4C6195



735789



8B4F72

Triad

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



735789



7F5B30



00706D

Complementary

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



735789



6D8957

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.



236F52



735789



67642D

Square

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



735789



8F5240



4A6B3A



006E85

Rectangle

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



735789



934C61



4A6B3A



007064

Sweetspot

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



735789



AA9FB3



576E89



544E59



D9D9D9



595959

Same Dimension

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



735789



9064B3



895787



423E45



4A0085



030005

Inverse Universe

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



89576D



B36487



578959



453E41



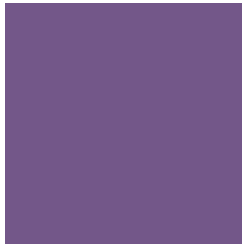
85003A



050002

Previews

White Background



This preview shows how the Hex color 735789 looks on a white background.

Color Contrast Check

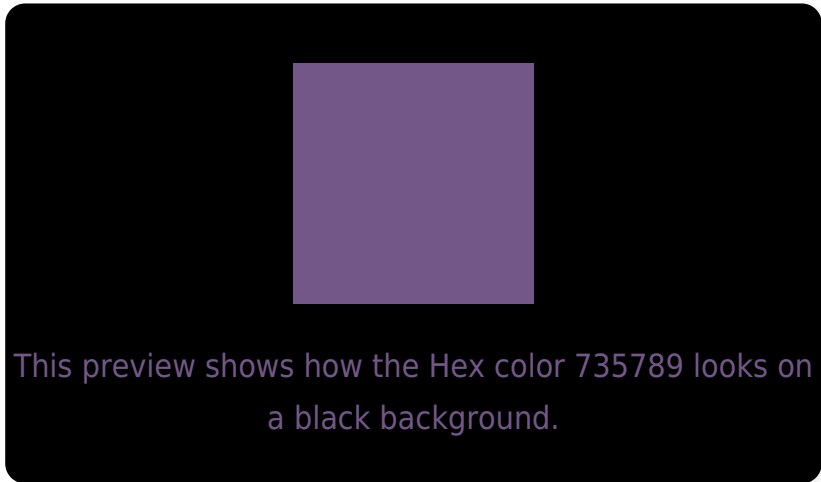
Large Text (above 18pt) WCAG AA ✓ Pass

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

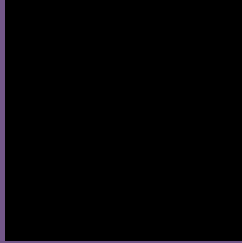
Any Text WCAG AA × Fail

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 735789 Background



This preview shows how black text looks on a background with the Hex color 735789.



This preview shows how white text looks on a background with the Hex color 735789.

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
735789

Protanopia
526191

Deuteranopia
576187



Tritanopia
6D5E66

Trichromacy



Original Color
735789

Protanomaly
5E5D8E

Deuteranomaly
615D88

Tritanomaly
6F5B73

Monochromacy



Original Color
735789

Achromatopsia
656565

Achromatomaly
6A6072

CSS Examples

Text

The CSS property to change the color of the text to Hex 735789 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 #735789 looks like.

```
.text, #text, p{  
    color:#735789  
}
```

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 #735789 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #735789
}
```

Border

The CSS property to change the border of an element to Hex 735789 is called "border". The border property can be set on classes, ids or directly on the HTML element.

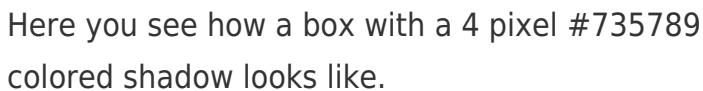
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#735789 }
```

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

```
.border{ border-color:#735789 }
```

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



Here you see how a box with a 4 pixel #735789 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #735789; -webkit-box-shadow:4px 4px  
4px 4px #735789; box-shadow:4px 4px 4px  
4px #735789 }
```

Background

The CSS property to change the background color of an element to Hex 735789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#735789 }
```

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

```
.background{ background-color:#735789 }
```

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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