

# Converting Colors

Hex(735C81)

Have a look what the booklet for  
Hex(735C81) contains.

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# Color

**Hex(735C81)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	735C81
RGB	115, 92, 129
RGB Percent	45%, 36%, 51%
CMY	0.5490, 0.6392, 0.4941
CMYK	0.11, 0.29, 0.00, 0.49
HSL	277°, 17%, 43%
HSV	277°, 29%, 51%
XYZ	14.8598, 12.8841, 22.4726
YIQ	103.0950, 1.8310, 16.3830

# Conversions

## Conversions Part 2

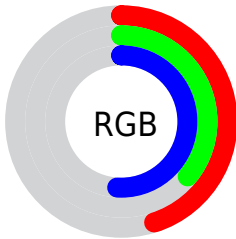
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 92, 129
Decimal	7560321
CIE <sub>Lab</sub>	42.59, 16.82, -17.18
CIE <sub>LCh</sub>	43, 24.044, 314.398
Yxy	12.8841, 0.2959, 0.2566
Android (android.graphics.Color)	4285750401 (0xFF735C81)
YUV	103.0950, 12.7712, 10.4407
Hunter-Lab	35.8944, 11.0814, -11.9938

# Details

The Hex color **735C81** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6A815C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **A78EB6**, and **422E50** is the 20% darker color. If you saturate the color by 10%, you get **6E4F81**, and if you desaturate by 10%, it is **786981**.

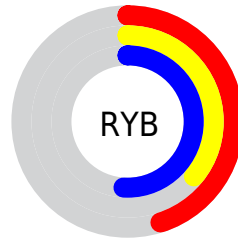
# Distribution



Red (45%)

Green (36%)

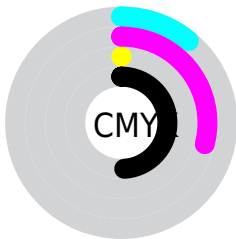
Blue (51%)



Red (45%)

Yellow (36%)

Blue (51%)

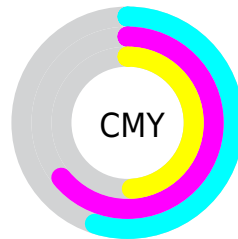


Cyan (11%)

Magenta (29%)

Yellow (0%)

Black (49%)



Cyan (55%)

Magenta (64%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 735C81 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 735C81 by changing the saturation by 10% instead.



 735C81

 735C81

FFFFFF

 5A4468

 A78EB6

 422E50

 C3A9D2

 2C1939

 DFC4EE

 190023

 FBE0FF

 00000B

 FFFDFD

 000000

 735C81

 735C81

 6E4F81

 786981

 694281

 7D7681

643581

828381

5F2881

879081

5B1C81

8B9C81

560F81

90A981

510281

95B681

500081

9AC381

9FD081

# Harmonies

## Analogous

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



58638B



735C81



855770

# Triad

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



735C81



7B603F



226F6E

# Complementary

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



735C81



6A815C

# 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.



3A6F59



735C81



68663E

# Square

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



735C81



88594A



526C48



1D6E80

# Rectangle

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



735C81



8B5562



526C48



296F67



# Sweetspot

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



735C81



A399A8



5C6A81



514B54



D4D4D4



545454



# Same Dimension

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



735C81



936FA8



815C7D



3D3940



4F0080



000000



# Inverse Universe

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



815C6A



A86F85



5C8160



40393C



800030



000000



# Previews

## White Background



This preview shows how the Hex color 735C81 looks on a white background.

## Color Contrast Check

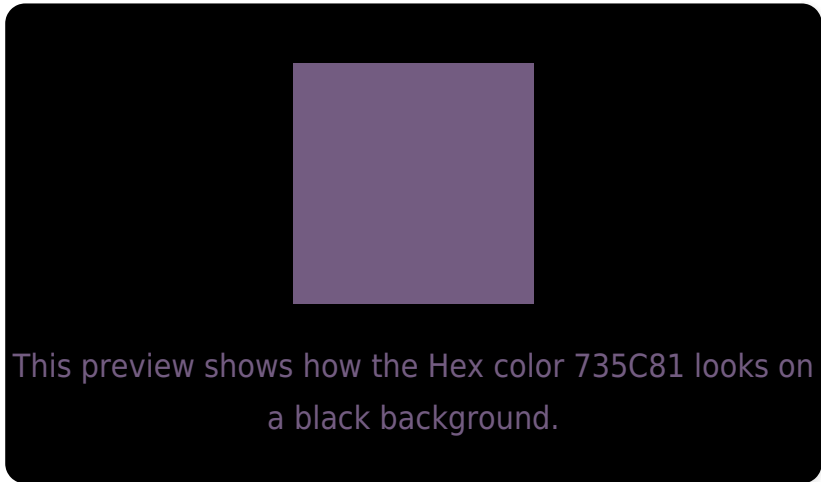
Large Text (above 18pt) WCAG AA ✓ Pass

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

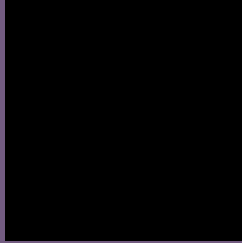
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 735C81 Background



This preview shows how black text looks on a background with the Hex color 735C81.




This preview shows how white text looks on a background with the Hex color 735C81.

# 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**  
6F6168

# Trichromacy



**Original Color**  
735C81

**Protanomaly**  
646084

**Deuteranomaly**  
676080

**Tritanomaly**  
705F71

# Monochromacy



**Original Color**  
735C81

**Achromatopsia**  
676767

**Achromatomaly**  
6B6370

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 735C81 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 #735C81 looks like.

```
.text, #text, p{  
    color:#735C81  
}
```

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 #735C81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #735C81
}
```

## Border

The CSS property to change the border of an element to Hex 735C81 is called "border". The border property can be set on classes, ids or directly on the HTML element.

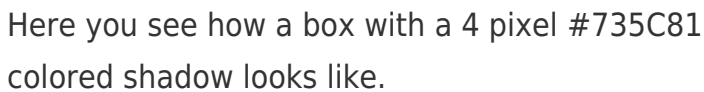
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#735C81 }
```

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

```
.border{ border-color:#735C81 }
```

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



Here you see how a box with a 4 pixel #735C81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #735C81; -webkit-box-shadow:4px 4px  
4px 4px #735C81; box-shadow:4px 4px 4px  
4px #735C81 }
```

# Background

The CSS property to change the background color of an element to Hex 735C81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#735C81 }
```

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

```
.background{ background-color:#735C81 }
```

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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