

# Converting Colors

Hex(735986)

Have a look what the booklet for  
Hex(735986) contains.

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# Color

**Hex(735986)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	735986
RGB	115, 89, 134
RGB Percent	45%, 35%, 53%
CMY	0.5490, 0.6510, 0.4745
CMYK	0.14, 0.34, 0.00, 0.47
HSL	275°, 20%, 44%
HSV	275°, 34%, 53%
XYZ	14.9457, 12.5108, 24.1814
YIQ	101.9040, 1.0510, 19.5070

# Conversions

## Conversions Part 2

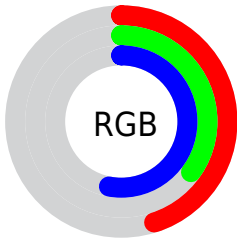
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 89, 134
Decimal	7559558
CIE <sub>Lab</sub>	42.02, 19.80, -21.09
CIE <sub>LCh</sub>	42, 28.928, 313.200
Yxy	12.5108, 0.2894, 0.2423
Android (android.graphics.Color)	4285749638 (0xFF735986)
YUV	101.9040, 15.8233, 11.4852
Hunter-Lab	35.3706, 13.5256, -15.7745

# Details

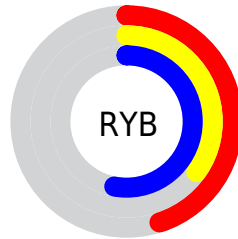
The Hex color **735986** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6C8659**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **A88BBB**, and **422B54** is the 20% darker color. If you saturate the color by 10%, you get **6D4C86**, and if you desaturate by 10%, it is **796686**.

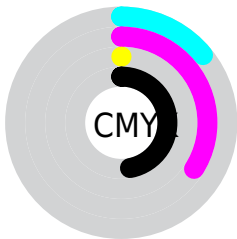
# Distribution



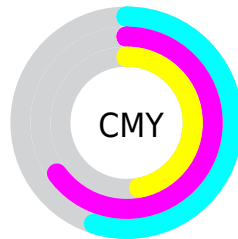
- Red (45%)
- Green (35%)
- Blue (53%)



- Red (45%)
- Yellow (35%)
- Blue (53%)



- Cyan (14%)
- Magenta (34%)
- Yellow (0%)
- Black (47%)



- Cyan (55%)
- Magenta (65%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 735986 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 735986 by changing the saturation by 10% instead.



735986

735986

FFFFFF

5A416D

A88BBB

422B54

C3A6D7

2B163D

DFC1F4

190027

FCDDFF

000111

FFFAFF

000000

735986

735986

6D4C86

796686

683E86

7E7486

623186

848186

5C2386

8A8F86

571686

8F9C86

510986

95A986

4D0086

9BB786

A0C486

A6D286

# Harmonies

## Analogous

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



516291



735986



895272

# Triad

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



735986



7E5D35



00706D

# Complementary

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



735986



6C8659

# 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.



2D6F55



735986



686534

# Square

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



735986



8C5544



4D6B3F



006E83

# Rectangle

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



735986



905061



4D6B3F



0A7065



# Sweetspot

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



735986



A69CAD



596D86



524C57



D6D6D6



575757



# Same Dimension

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



735986



9068AD



865983



403C42



4B0082



010003



# Inverse Universe

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



86596C



AD6885



59865C



423C3E



820037

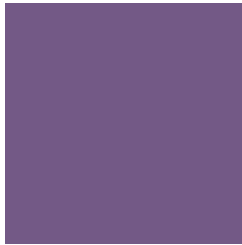


030001



# Previews

## White Background



This preview shows how the Hex color 735986 looks on a white background.

## Color Contrast Check

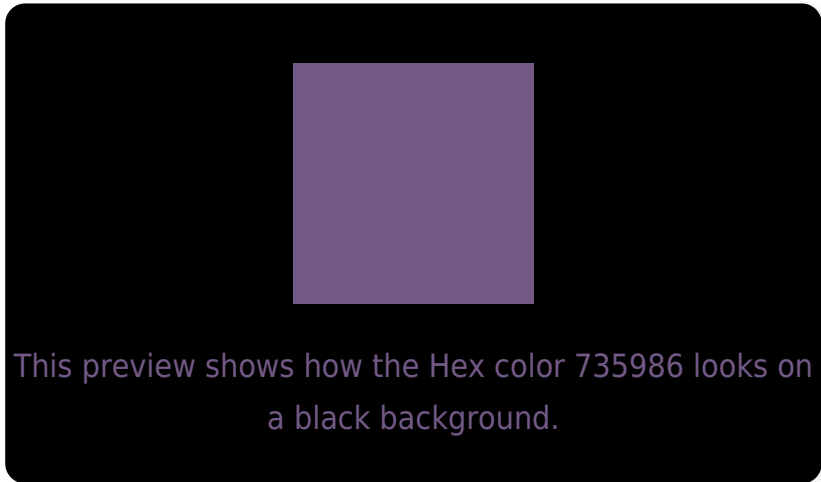
Large Text (above 18pt) WCAG AA ✓ Pass

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

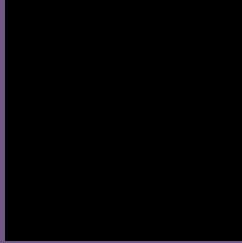
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 735986 Background



This preview shows how black text looks on a background with the Hex color 735986.



This preview shows how white text looks on a background with the Hex color 735986.

# 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**  
6E5F67

# Trichromacy



**Original Color**  
735986

**Protanomaly**  
615F8A

**Deuteranomaly**  
645F85

**Tritanomaly**  
705D72

# Monochromacy



**Original Color**  
735986

**Achromatopsia**  
666666

**Achromatomaly**  
6B6172

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 735986 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 #735986 looks like.

```
.text, #text, p{  
    color:#735986  
}
```

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 #735986 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #735986
}
```

## Border

The CSS property to change the border of an element to Hex 735986 is called "border". The border property can be set on classes, ids or directly on the HTML element.

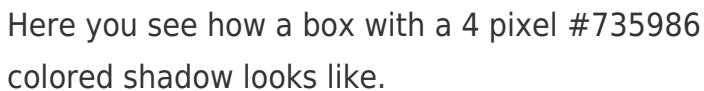
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#735986 }
```

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

```
.border{ border-color:#735986 }
```

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



Here you see how a box with a 4 pixel #735986 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #735986; -webkit-box-shadow:4px 4px  
4px 4px #735986; box-shadow:4px 4px 4px  
4px #735986 }
```

# Background

The CSS property to change the background color of an element to Hex 735986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#735986 }
```

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

```
.background{ background-color:#735986 }
```

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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