

# Converting Colors

Hex(735ECE)

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

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# Color

**Hex(735ECE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	735ECE
RGB	115, 94, 206
RGB Percent	45%, 37%, 81%
CMY	0.5490, 0.6314, 0.1922
CMYK	0.44, 0.54, 0.00, 0.19
HSL	251°, 53%, 59%
HSV	251°, 54%, 81%
XYZ	22.2135, 16.1065, 60.3306
YIQ	113.0470, -23.4360, 39.2840

# Conversions

## Conversions Part 2

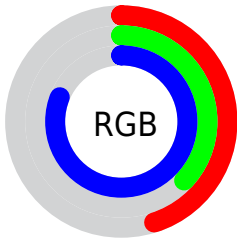
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 94, 206
Decimal	7560910
CIE <sub>Lab</sub>	47.11, 35.94, -55.45
CIE <sub>LCh</sub>	47, 66.082, 302.950
Yxy	16.1065, 0.2252, 0.1633
Android (android.graphics.Color)	4285750990 (0xFF735ECE)
YUV	113.0470, 45.8258, 1.7128
Hunter-Lab	40.1329, 28.5671, -61.0359

# Details

The Hex color **735ECE** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **B9CE5E**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **AC91FF**, and **392F97** is the 20% darker color. If you saturate the color by 10%, you get **6249CE**, and if you desaturate by 10%, it is **8473CE**.

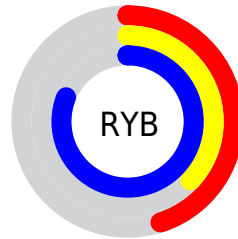
# Distribution



Red (45%)

Green (37%)

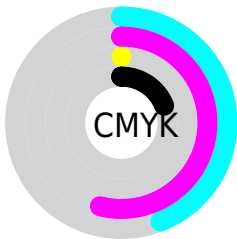
Blue (81%)



Red (45%)

Yellow (37%)

Blue (81%)

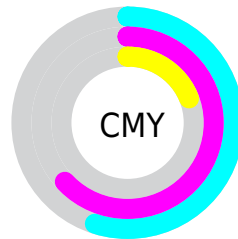


Cyan (44%)

Magenta (54%)

Yellow (0%)

Black (19%)



Cyan (55%)

Magenta (63%)

Yellow (19%)

# Brightness & Saturation Gradients

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



 735ECE

 735ECE

FFFFFF

 5746B2

 AC91FF

 392F97

 C9ACFF

 16197C

 E6C7FF

 000463

 FFE3FF

 00004A

 000432

 00021C

 000000

 735ECE

 735ECE

6249CE

8473CE

5235CE

9487CE

4120CE

A59CCE

300CCE

B6B0CE

2700CE

C7C5CE

D7DACE

E8EECE

F9FFCE

FFFFCE

# Harmonies

## Analogous

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



0075E0



735ECE



B53FA3

# Triad

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



735ECE



AE5900



008874

# Complementary

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



735ECE



B9CE5E

# 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.



008539



735ECE



826F00

# Square

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



735ECE



CA3C37



497D00



0088AB

# Rectangle

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



735ECE



CA2E7F



497D00



008760



# Sweetspot

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



735ECE



DED6FF



5EB9CE



6C6780



000000



808080



# Same Dimension

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



735ECE



7859FF



AB5ECE



5E5C66



1F00A6



070026



# Inverse Universe

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



CE5EB9



FF59E0



81CE5E



665C64



A60087



26001F



# Previews

## White Background



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

## Color Contrast Check

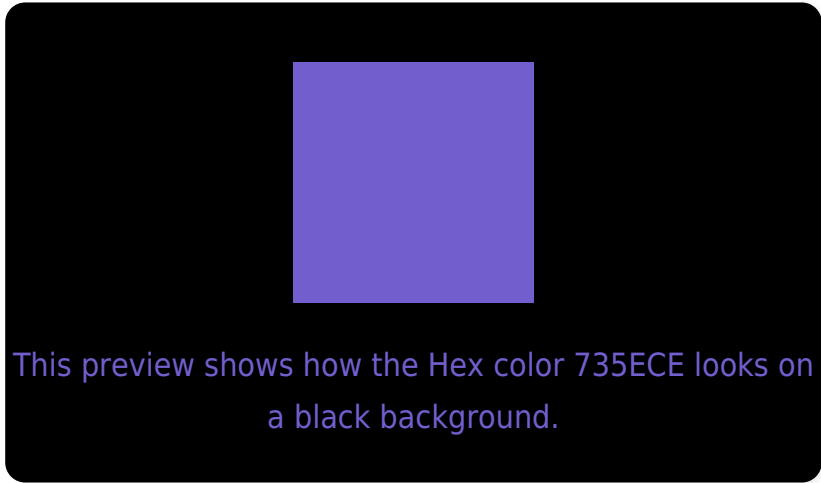
Large Text (above 18pt) WCAG AA ✓ Pass

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

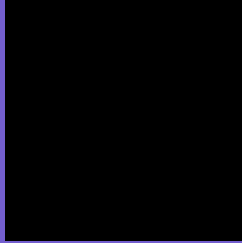
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 735ECE Background



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




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

# 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](#).

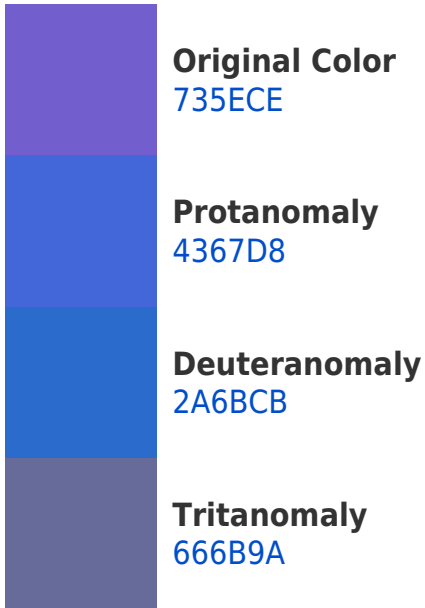
## Dichromacy





**Tritanopia**  
5E737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #735ECE colored shadow looks like.

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

## Border

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

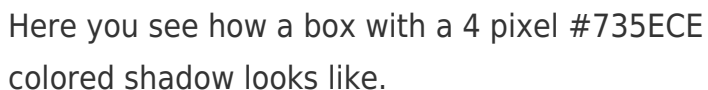
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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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