

# Converting Colors

Hex(756ECE)

Have a look what the booklet for  
Hex(756ECE) contains.

<b>Hex(756ECE)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(756ECE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	756ECE
RGB	117, 110, 206
RGB Percent	46%, 43%, 81%
CMY	0.5412, 0.5686, 0.1922
CMYK	0.43, 0.47, 0.00, 0.19
HSL	244°, 49%, 62%
HSV	244°, 47%, 81%
XYZ	24.0526, 19.3900, 60.8675
YIQ	123.0370, -26.6440, 31.3400

# Conversions

## Conversions Part 2

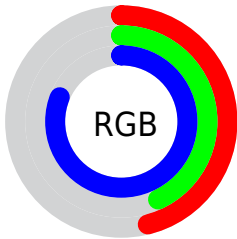
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 110, 206
Decimal	7696078
CIE Lab	51.14, 26.86, -49.00
CIE LCh	51, 55.876, 298.734
Yxy	19.3900, 0.2306, 0.1859
Android (android.graphics.Color)	4285886158 (0xFF756ECE)
YUV	123.0370, 40.9008, -5.2944
Hunter-Lab	44.0341, 20.4420, -51.1316

# Details

The Hex color **756ECE** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **C7CE6E**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **ADA2FF**, and **3D3E97** is the 20% darker color. If you saturate the color by 10%, you get **6259CE**, and if you desaturate by 10%, it is **8883CE**.

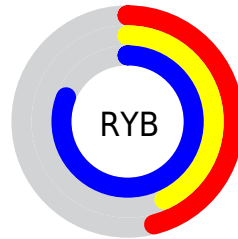
# Distribution



Red (46%)

Green (43%)

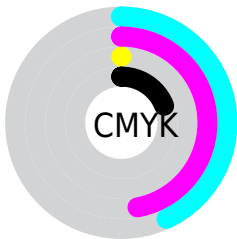
Blue (81%)



Red (46%)

Yellow (43%)

Blue (81%)

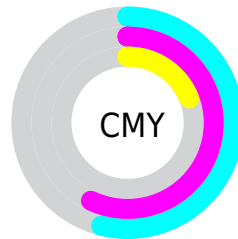


Cyan (43%)

Magenta (47%)

Yellow (0%)

Black (19%)



Cyan (54%)

Magenta (57%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 756ECE 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 756ECE by changing the saturation by 10% instead.



■ 756ECE

■ 756ECE

FFFFFF

■ 5956B2

■ ADA2FF

■ 3D3E97

■ CABDFF

■ 1D287D

■ E7D9FF

■ 001463

■ FFF5FF

■ 00004B

■ 000433

■ 00021D

■ 000000

■ 756ECE

■ 756ECE

6259CE

8883CE

4F45CE

9B97CE

3C30CE

AEACCE

291CCE

C1C0CE

1607CE

D4D5CE

0F00CE

E8EACE

FBFECE

FFFFCE

# Harmonies

## Analogous

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



0080DA



756ECE



B158AC

# Triad

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



756ECE



B76426



009076

# Complementary

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



756ECE



C7CE6E

# 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.



108C45



756ECE



937706

# Square

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



756ECE



CD514F



64841B



0090A6

# Rectangle

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



756ECE



C74D8E



64841B



008F66



# Sweetspot

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



756ECE



DEDBFF



6EC8CE



6B6A80



000000



808080



# Same Dimension

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



756ECE



7B70FF



A46ECE



5D5C66



0C00A6



030026



# Inverse Universe

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



CE6EC7



FF70F5



98CE6E



665C65



A6009A

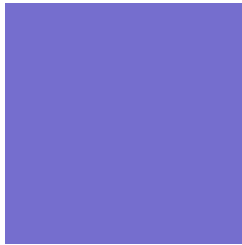


260023



# Previews

## White Background



This preview shows how the Hex color 756ECE looks on a white background.

## Color Contrast Check

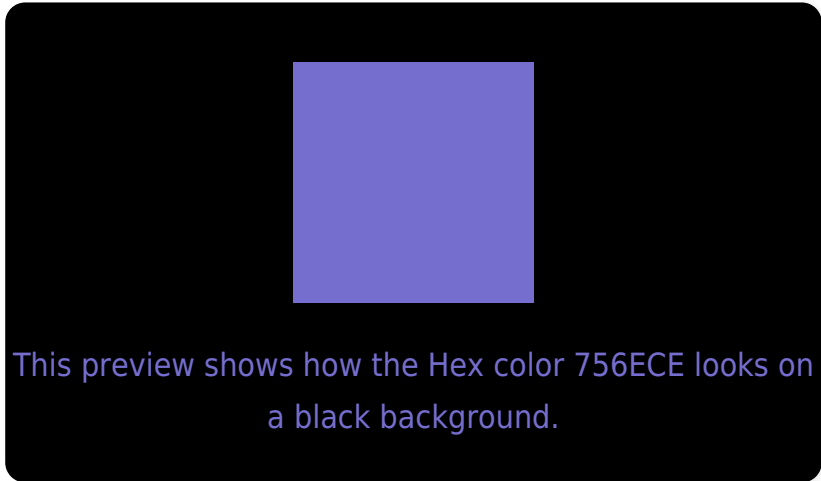
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

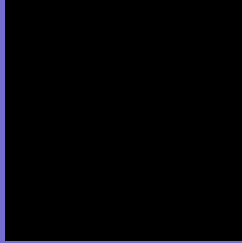
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 756ECE Background



This preview shows how black text looks on a background with the Hex color 756ECE.



This preview shows how white text looks on a background with the Hex color 756ECE.

# 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](#).

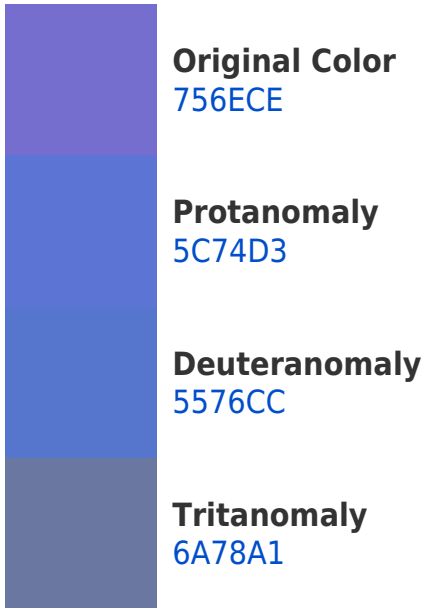
## Dichromacy





**Tritanopia**  
637E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 756ECE 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 #756ECE looks like.

```
.text, #text, p{  
    color:#756ECE  
}
```

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 #756ECE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #756ECE
}
```

## Border

The CSS property to change the border of an element to Hex 756ECE is called "border". The border property can be set on classes, ids or directly on the HTML element.

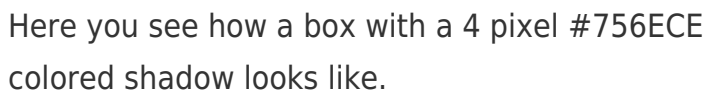
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#756ECE }
```

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

```
.border{ border-color:#756ECE }
```

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



Here you see how a box with a 4 pixel #756ECE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #756ECE; -webkit-box-shadow:4px 4px  
4px 4px #756ECE; box-shadow:4px 4px 4px  
4px #756ECE }
```

# Background

The CSS property to change the background color of an element to Hex 756ECE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#756ECE }
```

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

```
.background{ background-color:#756ECE }
```

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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