

# Converting Colors

Hex(753CEC)

Have a look what the booklet for  
Hex(753CEC) contains.

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**Color**

**Hex(753CEC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	753CEC
RGB	117, 60, 236
RGB Percent	46%, 24%, 93%
CMY	0.5412, 0.7647, 0.0745
CMYK	0.50, 0.75, 0.00, 0.07
HSL	259°, 82%, 58%
HSV	259°, 75%, 93%
XYZ	24.0923, 13.0698, 80.6098
YIQ	97.1070, -22.5240, 66.8200

# Conversions

## Conversions Part 2

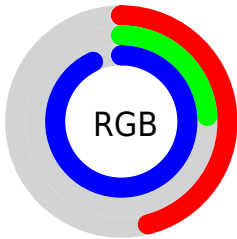
Format	Color
R <sub>Y</sub> B	117, 60, 236
Decimal	7683308
CIE Lab	42.87, 62.69, -79.43
CIE LCh	43, 101.191, 308.283
Yxy	13.0698, 0.2046, 0.1110
Android (android.graphics.Color)	4285873388 (0xFF753CEC)
YUV	97.1070, 68.4742, 17.4462
Hunter-Lab	36.1521, 55.6888, -106.8948

# Details

The Hex color **753CEC** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **B3EC3C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **B271FF**, and **3000B3** is the 20% darker color. If you saturate the color by 10%, you get **6524EC**, and if you desaturate by 10%, it is **8554EC**.

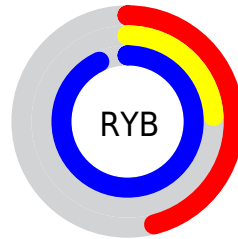
# Distribution



Red (46%)

Green (24%)

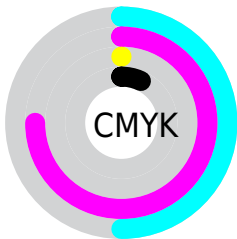
Blue (93%)



Red (46%)

Yellow (24%)

Blue (93%)

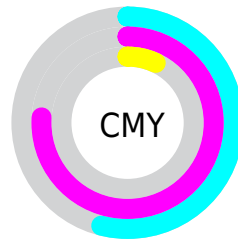


Cyan (50%)

Magenta (75%)

Yellow (0%)

Black (7%)



Cyan (54%)

Magenta (76%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 753CEC 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 753CEC by changing the saturation by 10% instead.



 753CEC

 753CEC

FFFFFF

 5520CF

 B271FF

 3000B3

 D18CFF

 000097

 F0A7FF

 00007C

 FFC4FF

 000062

 FFE0FF

 000949

 FFFDFF

 000432

 00011C

 000000

 753CEC

 753CEC

 6524EC

 8554EC

 550DEC

 956BEC

 4C00EC

 A583EC

 B59AEC

 C5B2EC

 D5CAEC

 E5E1EC

 F5F9EC

 FFFFEC

# Harmonies

## Analogous

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



006CFF



753CEC



D300A5

# Triad

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



753CEC



AB4700



00837C

# Complementary

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



753CEC



B3EC3C

# 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.



00801E



753CEC



676A00

# Square

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



753CEC



DB0000



007A00



0084CD

# Rectangle

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



753CEC



EA006E



007A00



00825E



# Sweetspot

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



753CEC



D9C7FF



3CB4EC



695E80



000000



808080



# Same Dimension

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



753CEC



661CFF



CC3CEC



6D6A75



3B00B5



110036



# Inverse Universe

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



EC3CB3



FF1CB5



5CEC3C



756A72



B5007A

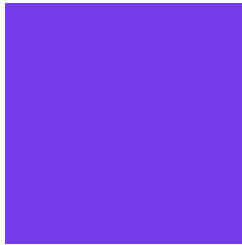


360024



# Previews

## White Background



This preview shows how the Hex color 753CEC looks on a white background.

## Color Contrast Check

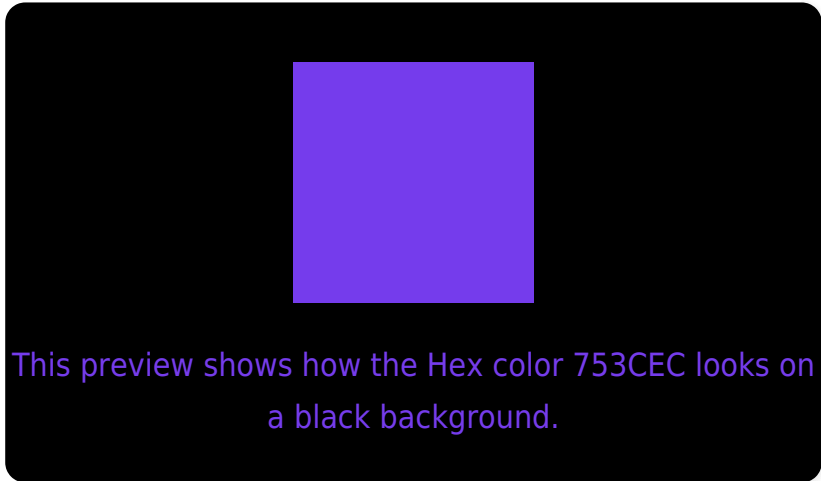
Large Text (above 18pt) WCAG AA ✓ Pass

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

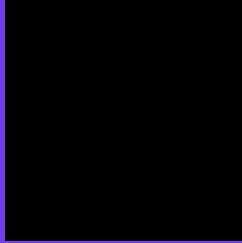
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 753CEC Background



This preview shows how black text looks on a background with the Hex color 753CEC.




This preview shows how white text looks on a background with the Hex color 753CEC.

# 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](#).

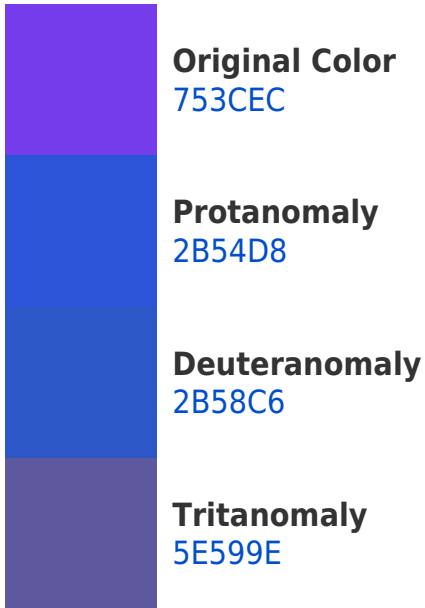
## Dichromacy





**Tritanopia**  
516971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 753CEC 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 #753CEC looks like.

```
.text, #text, p{  
    color:#753CEC  
}
```

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 #753CEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #753CEC
}
```

## Border

The CSS property to change the border of an element to Hex 753CEC 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".

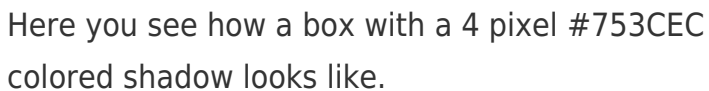
```
.border, #border, table{ border:4px solid
#753CEC }
```

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

```
.border{ border-color:#753CEC }
```

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

Here you see how a box with a 4 pixel #753CEC colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #753CEC; -webkit-box-shadow:4px 4px  
4px 4px #753CEC; box-shadow:4px 4px 4px  
4px #753CEC }
```

# Background

The CSS property to change the background color of an element to Hex 753CEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#753CEC }
```

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

```
.background{ background-color:#753CEC }
```

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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