

# Converting Colors

Hex(735BCC)

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

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# Color

Hex(735BCC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	735BCC
RGB	115, 91, 204
RGB Percent	45%, 36%, 80%
CMY	0.5490, 0.6431, 0.2000
CMYK	0.44, 0.55, 0.00, 0.20
HSL	253°, 53%, 58%
HSV	253°, 55%, 80%
XYZ	21.7104, 15.4866, 58.9717
YIQ	111.0580, -21.9690, 40.2310

# Conversions

## Conversions Part 2

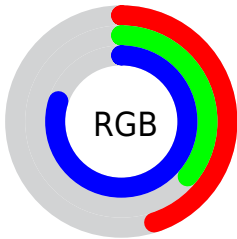
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 91, 204
Decimal	7560140
CIE <sub>Lab</sub>	46.29, 37.13, -55.62
CIE <sub>LCh</sub>	46, 66.880, 303.728
Yxy	15.4866, 0.2258, 0.1610
Android (android.graphics.Color)	4285750220 (0xFF735BCC)
YUV	111.0580, 45.8204, 3.4571
Hunter-Lab	39.3531, 29.6074, -61.3006

# Details

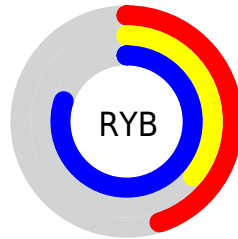
The Hex color **735BCC** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **B4CC5B**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **AC8EFF**, and **3A2C95** is the 20% darker color. If you saturate the color by 10%, you get **6347CC**, and if you desaturate by 10%, it is **836FCC**.

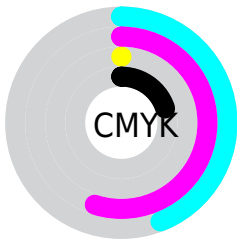
# Distribution



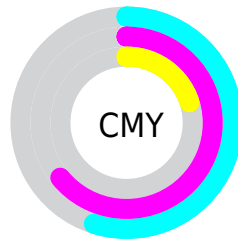
- Red (45%)
- Green (36%)
- Blue (80%)



- Red (45%)
- Yellow (36%)
- Blue (80%)



- Cyan (44%)
- Magenta (55%)
- Yellow (0%)
- Black (20%)



- Cyan (55%)
- Magenta (64%)
- Yellow (20%)

# Brightness & Saturation Gradients

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



 735BCC

 735BCC


FFFFFF

 5743B0

 AC8EFF

 3A2C95

 C9A9FF

 17167A

 E6C4FF

 000161

 FFE0FF

 000048

 FFFDFD

 000431

 00011B

 000000

 735BCC

 735BCC

6347CC

836FCC

5332CC

9384CC

431ECC

A398CC

3309CC

B3ADCC

2B00CC

C3C1CC

D3D5CC

E3EACC

F4FECC

FFFFCC

# Harmonies

## Analogous

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



0073DF



735BCC



B53BA0

# Triad

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



735BCC



AB5700



008673

# Complementary

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



735BCC



B4CC5B

# 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.



008338



735BCC



7F6E00

# Square

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



735BCC



C83933



447C00



0086AB

# Rectangle

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



735BCC



C9297C



447C00



008560



# Sweetspot

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



735BCC



DDD4FF



5BB5CC



6B6680



000000



808080



# Same Dimension

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



735BCC



7A57FF



AA5BCC



5E5C66



2300A6



080026



# Inverse Universe

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



CC5BB4



FF57DB



7DCC5B



665C64



A60083

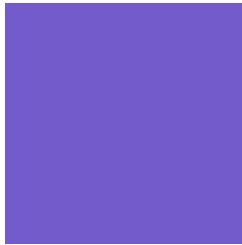


26001E



# Previews

## White Background



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

## Color Contrast Check

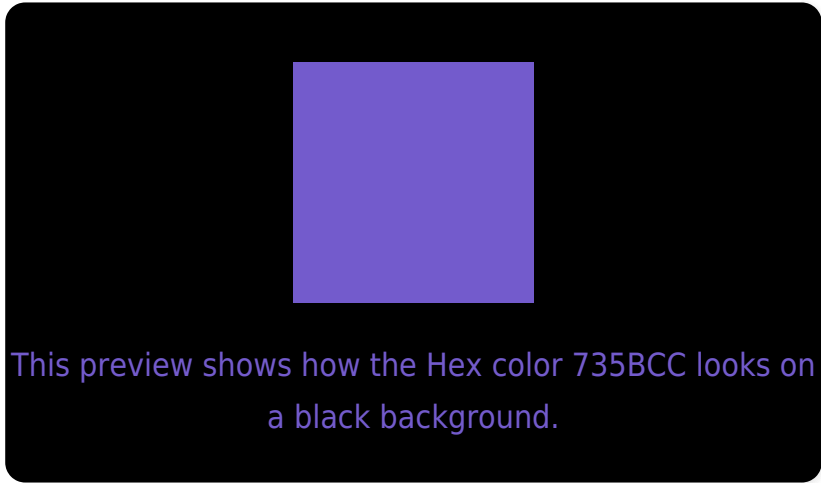
Large Text (above 18pt) WCAG AA ✓ Pass

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 735BCC Background



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



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

# 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](#).

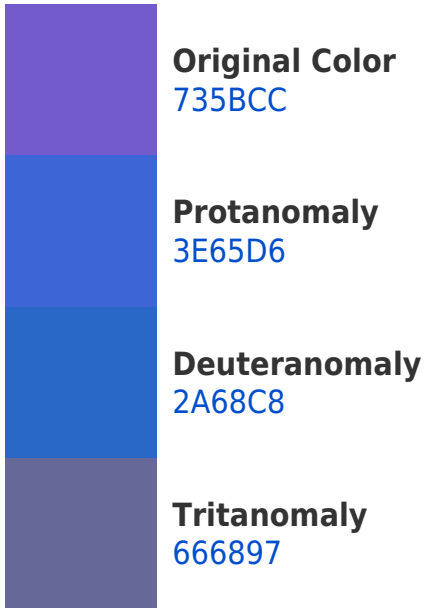
## Dichromacy



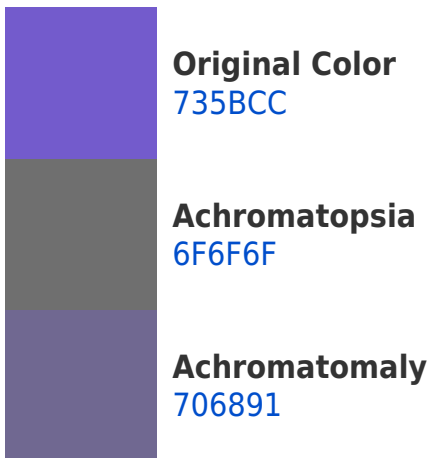


**Tritanopia**  
5E7079

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #735BCC colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Hex 735BCC 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
#735BCC }
```

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

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

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

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

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

# Background

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

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

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

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

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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