

# Converting Colors

Hex(743CDB)

Have a look what the booklet for  
Hex(743CDB) contains.

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**Color**

**Hex(743CDB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	743CDB
RGB	116, 60, 219
RGB Percent	45%, 24%, 86%
CMY	0.5451, 0.7647, 0.1412
CMYK	0.47, 0.73, 0.00, 0.14
HSL	261°, 69%, 55%
HSV	261°, 73%, 86%
XYZ	21.6045, 12.0592, 68.2068
YIQ	94.8700, -17.6630, 61.3210

# Conversions

## Conversions Part 2

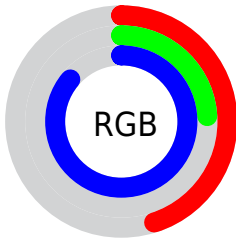
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 60, 219
Decimal	7617755
CIE <sub>Lab</sub>	41.31, 58.12, -72.32
CIE <sub>LCh</sub>	41, 92.776, 308.787
Yxy	12.0592, 0.2121, 0.1184
Android (android.graphics.Color)	4285807835 (0xFF743CDB)
YUV	94.8700, 61.1961, 18.5310
Hunter-Lab	34.7264, 50.2801, -92.1444

# Details

The Hex color **743CDB** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **A3DB3C**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **B070FF**, and **3400A3** is the 20% darker color. If you saturate the color by 10%, you get **6626DB**, and if you desaturate by 10%, it is **8252DB**.

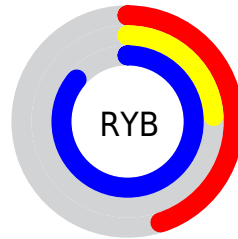
# Distribution



Red (45%)

Green (24%)

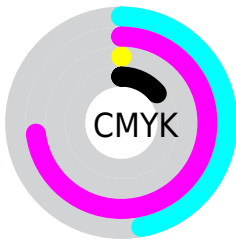
Blue (86%)



Red (45%)

Yellow (24%)

Blue (86%)

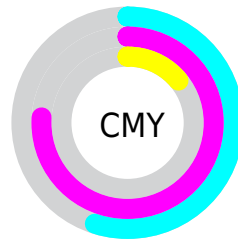


Cyan (47%)

Magenta (73%)

Yellow (0%)

Black (14%)



Cyan (55%)

Magenta (76%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 743CDB 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 743CDB by changing the saturation by 10% instead.



 743CDB

 743CDB

FFFFFF

 5521BF

 B070FF

 3400A3

 CE8BFF

 000088

 ECA6FF

 00006D

 FFC2FF

 000054

 FFDFFF

 00063C

 FFFCFF

 000225

 00010D

 000000

 743CDB

 743CDB

 6626DB

 8252DB

 5810DB

 9068DB

 4D00DB

 9F7EDB

 AD94DB

 BBAADB

 C9BFDB

 D7D5DB

 E5EBDB

 F4FFDB

# Harmonies

## Analogous

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



0066FC



743CDB



C7009A

# Triad

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



743CDB



A24700



007D77

# Complementary

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



743CDB



A3DB3C

# 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.



007B23



743CDB



636600

# Square

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



743CDB



CD0000



007500



007EC1

# Rectangle

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



743CDB



DB0068



007500



007D5C



# Sweetspot

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



743CDB



DBC7FF



3CA3DB



6A5E80



000000



808080



# Same Dimension

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



743CDB



6F21FF



C33CDB



67636E



3D00AD



10002E



# Inverse Universe

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



DB3CA3



FF21B1



54DB3C



6E636A



AD0070

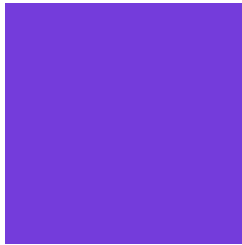


2E001E



# Previews

## White Background



This preview shows how the Hex color 743CDB looks on a white background.

## Color Contrast Check

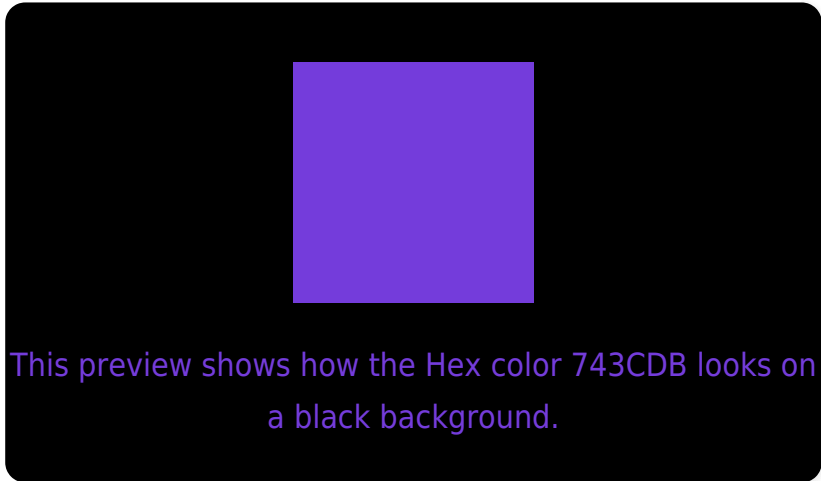
Large Text (above 18pt) WCAG AA ✓ Pass

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

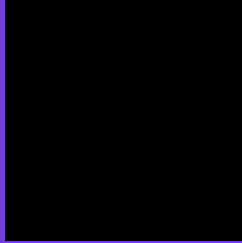
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 743CDB Background



This preview shows how black text looks on a background with the Hex color 743CDB.

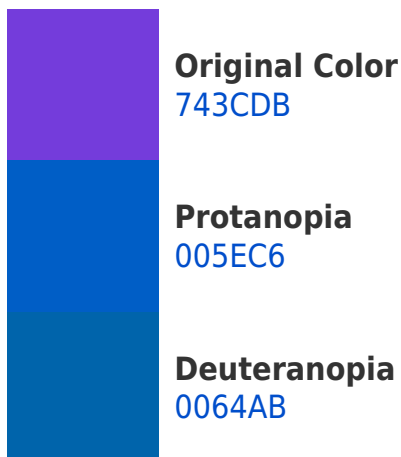


This preview shows how white text looks on a background with the Hex color 743CDB.

# 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](#).

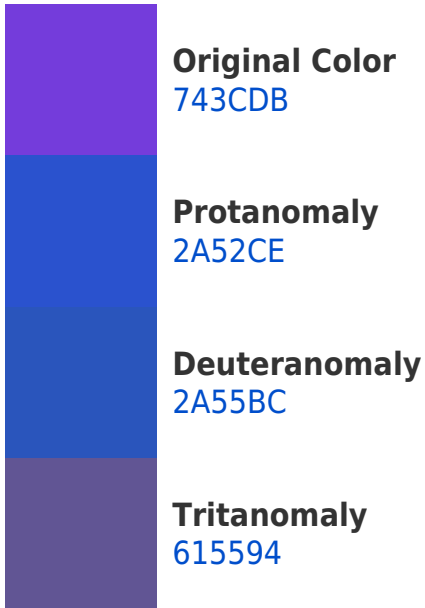
## Dichromacy



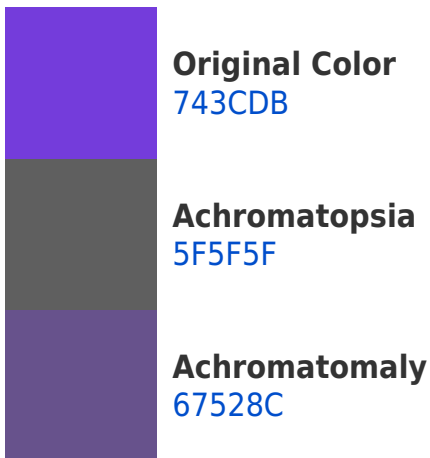


**Tritanopia**  
56636B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 743CDB 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 #743CDB looks like.

```
.text, #text, p{  
    color:#743CDB  
}
```

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 #743CDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #743CDB
}
```

## Border

The CSS property to change the border of an element to Hex 743CDB 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
#743CDB }
```

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

```
.border{ border-color:#743CDB }
```

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

Here you see how a box with a 4 pixel #743CDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #743CDB; -webkit-box-shadow:4px 4px  
4px 4px #743CDB; box-shadow:4px 4px 4px  
4px #743CDB }
```

# Background

The CSS property to change the background color of an element to Hex 743CDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#743CDB }
```

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

```
.background{ background-color:#743CDB }
```

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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