

# Converting Colors

Hex(753CD4)

Have a look what the booklet for  
Hex(753CD4) contains.

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**Color**

**Hex(753CD4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	753CD4
RGB	117, 60, 212
RGB Percent	46%, 24%, 83%
CMY	0.5412, 0.7647, 0.1686
CMYK	0.45, 0.72, 0.00, 0.17
HSL	262°, 64%, 53%
HSV	262°, 72%, 83%
XYZ	20.8356, 11.7671, 63.4605
YIQ	94.3710, -14.8200, 59.3560

# Conversions

## Conversions Part 2

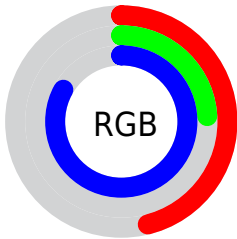
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 60, 212
Decimal	7683284
CIE Lab	40.84, 56.47, -69.06
CIE LCh	41, 89.202, 309.272
Yxy	11.7671, 0.2169, 0.1225
Android (android.graphics.Color)	4285873364 (0xFF753CD4)
YUV	94.3710, 57.9911, 19.8456
Hunter-Lab	34.3032, 48.3897, -85.6735

# Details

The Hex color **753CD4** 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 **9BD43C**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **B070FF**, and **37009C** is the 20% darker color. If you saturate the color by 10%, you get **6827D4**, and if you desaturate by 10%, it is **8251D4**.

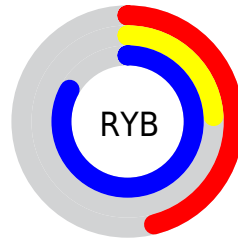
# Distribution



Red (46%)

Green (24%)

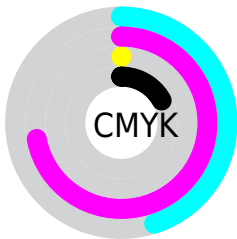
Blue (83%)



Red (46%)

Yellow (24%)

Blue (83%)

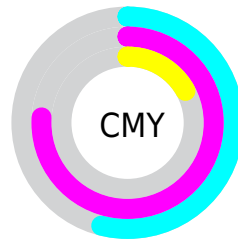


Cyan (45%)

Magenta (72%)

Yellow (0%)

Black (17%)



Cyan (54%)

Magenta (76%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 753CD4 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 753CD4 by changing the saturation by 10% instead.



 753CD4

 753CD4

FFFFFF

 5721B8

 B070FF

 37009C

 CE8BFF

 090081

 ECA6FF

 000067

 FFC2FF

 00004E

 FFDFFF

 000536

 FFFCFF

 000220

 000004

 000000

■ 753CD4

■ 753CD4

■ 6827D4

■ 8251D4

■ 5A12D4

■ 9066D4

■ 5000D4

■ 9D7CD4

■ AA91D4

■ B7A6D4

■ C5BBD4

■ D2D0D4

■ DFE6D4

■ ECFBD4

# Harmonies

## Analogous

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



0064F5



753CD4



C30096

# Triad

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



753CD4



9E4800



007C76

# Complementary

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



753CD4



9BD43C

# 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.



007927



753CD4



626500

# Square

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



753CD4



C80000



007300



007CBD

# Rectangle

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



753CD4



D60066



007300



007B5D



# Sweetspot

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



753CD4



DCC7FF



3C9CD4



6B5E80



000000



808080



# Same Dimension

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



753CD4



7624FF



C03CD4



64606B



4000AB



10002B



# Inverse Universe

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



D43C9B



FF24AD



50D43C



6B6067



AB006B

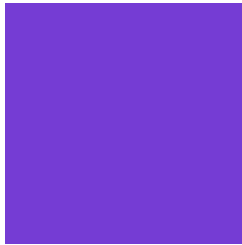


2B001B



# Previews

## White Background



This preview shows how the Hex color 753CD4 looks on a white background.

## Color Contrast Check

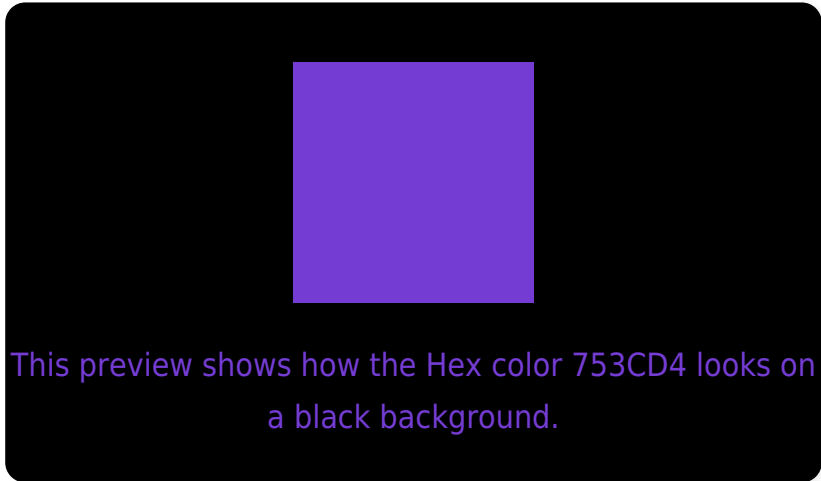
Large Text (above 18pt) WCAG AA ✓ Pass

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 753CD4 Background



This preview shows how black text looks on a background with the Hex color 753CD4.

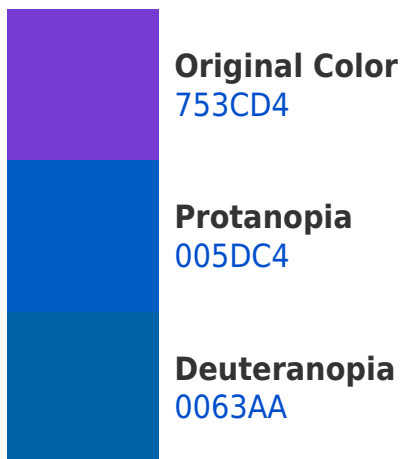



This preview shows how white text looks on a background with the Hex color 753CD4.

# 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**  
5A6169

# Trichromacy



**Original Color**  
753CD4



**Protanomaly**  
2B51CA



**Deuteranomaly**  
2B55B9



**Tritanomaly**  
645490

# Monochromacy



**Original Color**  
753CD4



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
665289

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 753CD4 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 #753CD4 looks like.

```
.text, #text, p{  
    color:#753CD4  
}
```

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 #753CD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #753CD4
}
```

## Border

The CSS property to change the border of an element to Hex 753CD4 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
#753CD4 }
```

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

```
.border{ border-color:#753CD4 }
```

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

Here you see how a box with a 4 pixel #753CD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #753CD4; -webkit-box-shadow:4px 4px  
4px 4px #753CD4; box-shadow:4px 4px 4px  
4px #753CD4 }
```

# Background

The CSS property to change the background color of an element to Hex 753CD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#753CD4 }
```

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

```
.background{ background-color:#753CD4 }
```

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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