

# Converting Colors

Hex(773CD1)

Have a look what the booklet for  
Hex(773CD1) contains.

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**Color**

**Hex(773CD1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	773CD1
RGB	119, 60, 209
RGB Percent	47%, 24%, 82%
CMY	0.5333, 0.7647, 0.1804
CMYK	0.43, 0.71, 0.00, 0.18
HSL	264°, 62%, 53%
HSV	264°, 71%, 82%
XYZ	20.7322, 11.7571, 61.4982
YIQ	94.6270, -12.6650, 58.8470

# Conversions

## Conversions Part 2

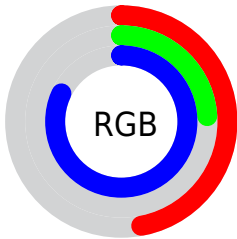
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 60, 209
Decimal	7814353
CIE <sub>Lab</sub>	40.83, 56.04, -67.34
CIE <sub>LCh</sub>	41, 87.608, 309.763
Yxy	11.7571, 0.2206, 0.1251
Android (android.graphics.Color)	4286004433 (0xFF773CD1)
YUV	94.6270, 56.3859, 21.3751
Hunter-Lab	34.2886, 47.9229, -82.3373

# Details

The Hex color **773CD1** 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 **96D13C**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **B170FF**, and **3A0099** is the 20% darker color. If you saturate the color by 10%, you get **6A27D1**, and if you desaturate by 10%, it is **8451D1**.

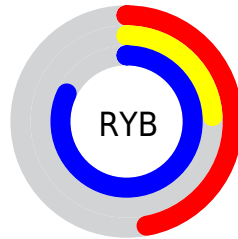
# Distribution



Red (47%)

Green (24%)

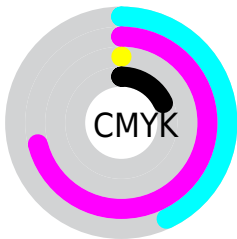
Blue (82%)



Red (47%)

Yellow (24%)

Blue (82%)

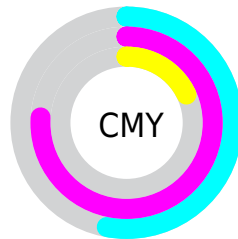


Cyan (43%)

Magenta (71%)

Yellow (0%)

Black (18%)



Cyan (53%)

Magenta (76%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 773CD1 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 773CD1 by changing the saturation by 10% instead.



773CD1

773CD1

FFFFFF

5A21B5

B170FF

3A0099

CF8BFF

12007F

EDA6FF

000065

FFC2FF

00004C

FFDFFF

000434

FFFCFF

00021E

000000

773CD1

773CD1

■ 6A27D1

■ 8451D1

■ 5E12D1

■ 9066D1

■ 5300D1

■ 9D7BD1

■ A990D1

■ B6A5D1

■ C3B9D1

■ CFCED1

■ DCE3D1

■ E9F8D1

# Harmonies

## Analogous

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



0064F2



773CD1



C20094

# Triad

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



773CD1



9C4900



007B77

# Complementary

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



773CD1



96D13C

# 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.



007929



773CD1



616500

# Square

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



773CD1



C60000



007300



007CBC

# Rectangle

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



773CD1



D40064



007300



007B5E



# Sweetspot

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



773CD1



DFC9FF



3C98D1



6C6080



000000



808080



# Same Dimension

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



773CD1



7B24FF



C03CD1



625E69



4300A8



100029



# Inverse Universe

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



D13C96



FF24A8



4DD13C



695E64



A80066

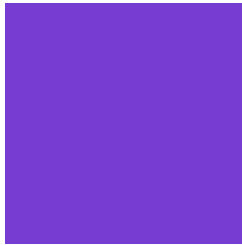


290019



# Previews

## White Background



This preview shows how the Hex color 773CD1 looks on a white background.

## Color Contrast Check

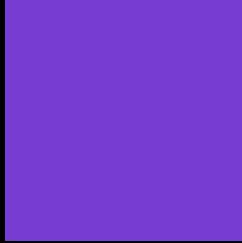
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 773CD1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

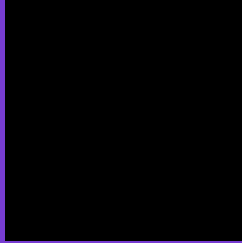
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 773CD1 Background



This preview shows how black text looks on a background with the Hex color 773CD1.

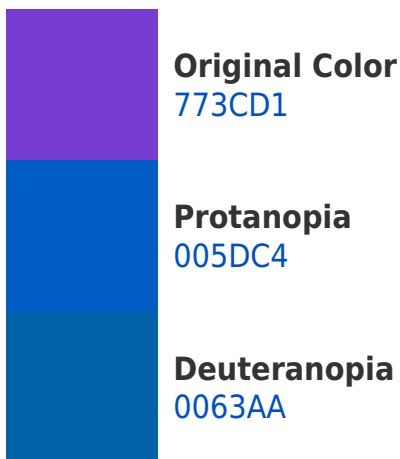


This preview shows how white text looks on a background with the Hex color 773CD1.

# 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](#).

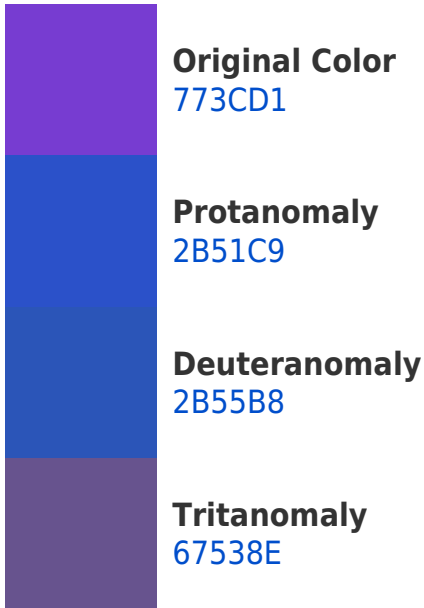
## Dichromacy



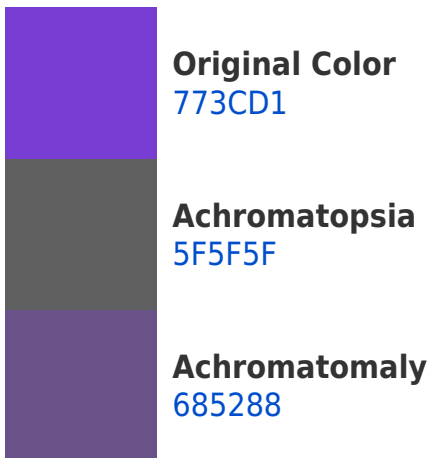


**Tritanopia**  
5E6068

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 773CD1 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 #773CD1 looks like.

```
.text, #text, p{  
    color:#773CD1  
}
```

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 #773CD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #773CD1
}
```

## Border

The CSS property to change the border of an element to Hex 773CD1 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
#773CD1 }
```

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

```
.border{ border-color:#773CD1 }
```

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

Here you see how a box with a 4 pixel #773CD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #773CD1; -webkit-box-shadow:4px 4px  
4px 4px #773CD1; box-shadow:4px 4px 4px  
4px #773CD1 }
```

# Background

The CSS property to change the background color of an element to Hex 773CD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#773CD1 }
```

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

```
.background{ background-color:#773CD1 }
```

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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