

# Converting Colors

Hex(774BC4)

Have a look what the booklet for  
Hex(774BC4) contains.

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# Color

**Hex(774BC4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	774BC4
RGB	119, 75, 196
RGB Percent	47%, 29%, 77%
CMY	0.5333, 0.7059, 0.2314
CMYK	0.39, 0.62, 0.00, 0.23
HSL	262°, 51%, 53%
HSV	262°, 62%, 77%
XYZ	20.0876, 12.9396, 53.6634
YIQ	101.9500, -12.6170, 46.9590

# Conversions

## Conversions Part 2

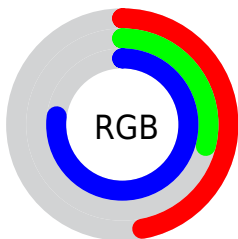
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 75, 196
Decimal	7818180
CIE <sub>Lab</sub>	42.67, 44.93, -56.82
CIE <sub>LCh</sub>	43, 72.440, 308.335
Yxy	12.9396, 0.2317, 0.1493
Android (android.graphics.Color)	4286008260 (0xFF774BC4)
YUV	101.9500, 46.3667, 14.9529
Hunter-Lab	35.9717, 36.7292, -63.2701

# Details

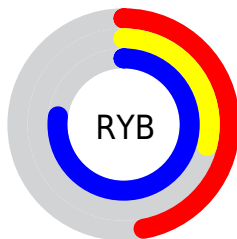
The Hex color **774BC4** is a dark color, and the websafe version is hex **663399**. The color can be described as dark muted purple. A complement of this color would be **98C44B**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **B07EFD**, and **3E1A8D** is the 20% darker color. If you saturate the color by 10%, you get **6B37C4**, and if you desaturate by 10%, it is **835FC4**.

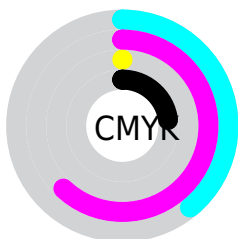
# Distribution



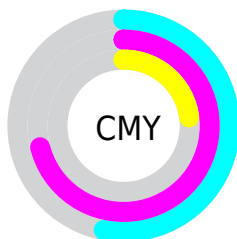
- Red (47%)
- Green (29%)
- Blue (77%)



- Red (47%)
- Yellow (29%)
- Blue (77%)



- Cyan (39%)
- Magenta (62%)
- Yellow (0%)
- Black (23%)



- Cyan (53%)
- Magenta (71%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 774BC4 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 774BC4 by changing the saturation by 10% instead.



■ 774BC4

■ 774BC4

FFFFFF

■ 5B33A8

■ B07EFD

■ 3E1A8D

■ CD98FF

■ 1E0073

■ EAB4FF

■ 00005A

■ FFD0FF

■ 000041

■ FFECFF

■ 00032A

■ 000114

■ 000000

■ 774BC4

■ 774BC4

6B37C4

835FC4

5E24C4

9072C4

5210C4

9C86C4

4700C4

A999C4

B5ADC4

C2C1C4

CED4C4

DBE8C4

E7FBC4

# Harmonies

## Analogous

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



0068DD



774BC4



B61D92

# Triad

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



774BC4



9D5100



007D75

# Complementary

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



774BC4



98C44B

# 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.



007B35



774BC4



6C6800

# Square

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



774BC4



BF2C1C



237500



007DAE

# Rectangle

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



774BC4



C8006B



237500



007D60



# Sweetspot

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



774BC4



E0CFFF



4B9AC4



6D6280



000000



808080



# Same Dimension

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



774BC4



8742FF



B24BC4



5B5761



3A00A1



0C0021



# Inverse Universe

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



C44B98



FF42BA



5DC44B



61575D



A10066



210015



# Previews

## White Background



This preview shows how the Hex color 774BC4 looks on a white background.

## Color Contrast Check

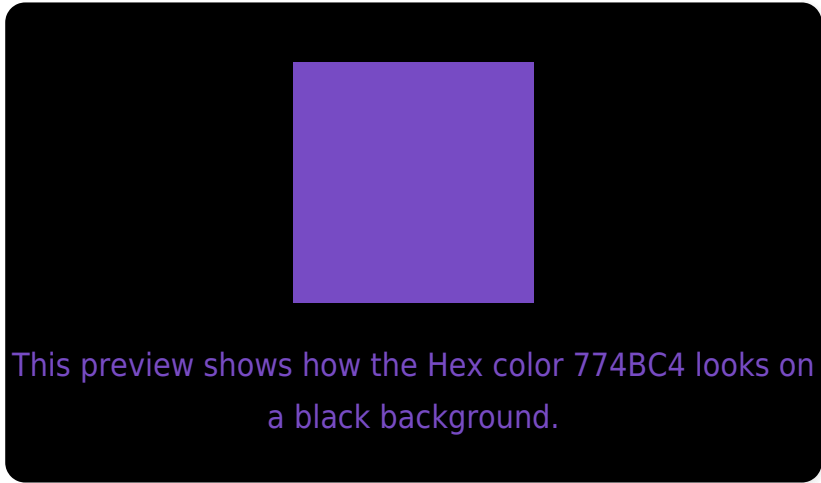
Large Text (above 18pt) WCAG AA ✓ Pass

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

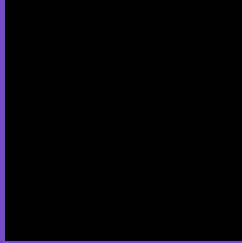
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 774BC4 Background



This preview shows how black text looks on a background with the Hex color 774BC4.




This preview shows how white text looks on a background with the Hex color 774BC4.

# 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](#).

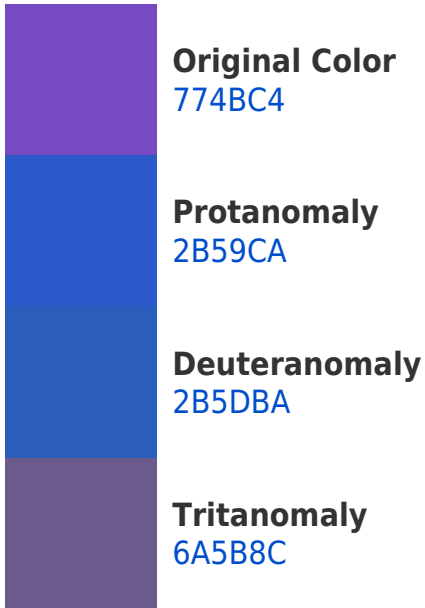
## Dichromacy





**Tritanopia**  
63646C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 774BC4 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 #774BC4 looks like.

```
.text, #text, p{  
    color:#774BC4  
}
```

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 #774BC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #774BC4
}
```

## Border

The CSS property to change the border of an element to Hex 774BC4 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".

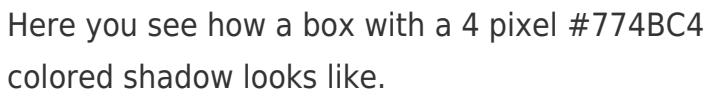
```
.border, #border, table{ border:4px solid
#774BC4 }
```

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

```
.border{ border-color:#774BC4 }
```

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

Here you see how a box with a 4 pixel #774BC4 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #774BC4; -webkit-box-shadow:4px 4px  
4px 4px #774BC4; box-shadow:4px 4px 4px  
4px #774BC4 }
```

# Background

The CSS property to change the background color of an element to Hex 774BC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#774BC4 }
```

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

```
.background{ background-color:#774BC4 }
```

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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