

# Converting Colors

Hex(7B6DC7)

Have a look what the booklet for  
Hex(7B6DC7) contains.

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# Color

**Hex(7B6DC7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B6DC7
RGB	123, 109, 199
RGB Percent	48%, 43%, 78%
CMY	0.5176, 0.5725, 0.2196
CMYK	0.38, 0.45, 0.00, 0.22
HSL	249°, 45%, 60%
HSV	249°, 45%, 78%
XYZ	23.9458, 19.2718, 56.4906
YIQ	123.4460, -20.5460, 30.9580

# Conversions

## Conversions Part 2

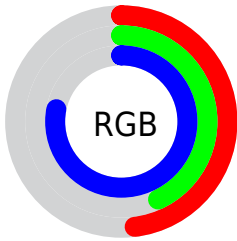
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 109, 199
Decimal	8089031
CIE <sub>Lab</sub>	51.00, 26.98, -45.18
CIE <sub>LCh</sub>	51, 52.627, 300.845
Yxy	19.2718, 0.2402, 0.1933
Android (android.graphics.Color)	4286279111 (0xFF7B6DC7)
YUV	123.4460, 37.2481, -0.3911
Hunter-Lab	43.8996, 20.5417, -45.5654

# Details

The Hex color **7B6DC7** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B9C76D**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B2A1FF**, and **453D90** is the 20% darker color. If you saturate the color by 10%, you get **6A59C7**, and if you desaturate by 10%, it is **8C81C7**.

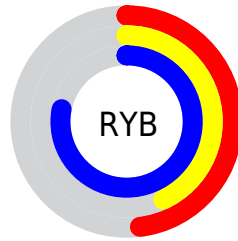
# Distribution



Red (48%)

Green (43%)

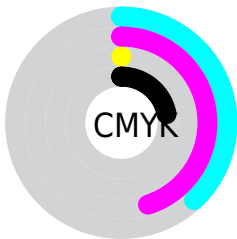
Blue (78%)



Red (48%)

Yellow (43%)

Blue (78%)

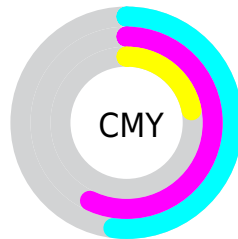


Cyan (38%)

Magenta (45%)

Yellow (0%)

Black (22%)



Cyan (52%)

Magenta (57%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B6DC7 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 7B6DC7 by changing the saturation by 10% instead.



■ 7B6DC7

■ 7B6DC7

FFFFFF

■ 6055AB

■ B2A1FF

■ 453D90

■ CFBCFF

■ 292776

■ ECD8FF

■ 03135D

■ FFF4FF

■ 000045

■ 00032E

■ 000118

■ 000000

■ 7B6DC7

■ 7B6DC7

■ 6A59C7

■ 8C81C7

■ 5945C7

■ 9D95C7

■ 4931C7

■ ADA9C7

■ 381DC7

■ BEBDC7

■ 270AC7

■ CFD1C7

■ 1F00C7

■ E0E4C7

■ F1F8C7

■ FFFFC7

# Harmonies

## Analogous

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



007ED3



7B6DC7



B159A6

# Triad

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



7B6DC7



B26729



008F79

# Complementary

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



7B6DC7



B9C76D

# 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.



158B4B



7B6DC7



8F7813

# Square

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



7B6DC7



C8554E



628425



008EA6

# Rectangle

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



7B6DC7



C45089



628425



008E6A



# Sweetspot

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



7B6DC7



E1DBFF



6DBAC7



6D6A80



000000



808080



# Same Dimension

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



7B6DC7



8B75FF



A86DC7



5B5A63



1900A3



060024



# Inverse Universe

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



C76DB9



FF75EA



8DC76D



635A62



A3008A

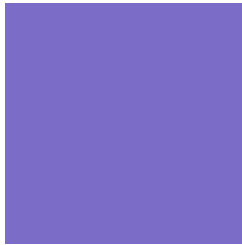


24001E



# Previews

## White Background



This preview shows how the Hex color 7B6DC7 looks on a white background.

## Color Contrast Check

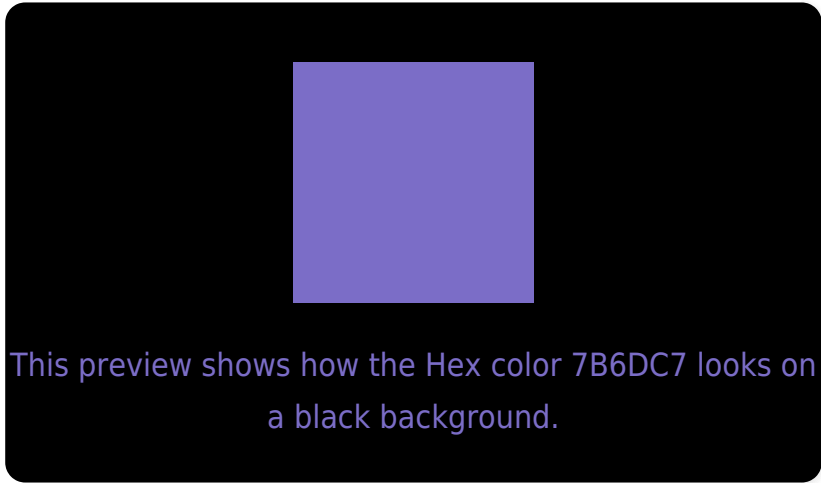
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 7B6DC7 Background



This preview shows how black text looks on a background with the Hex color 7B6DC7.

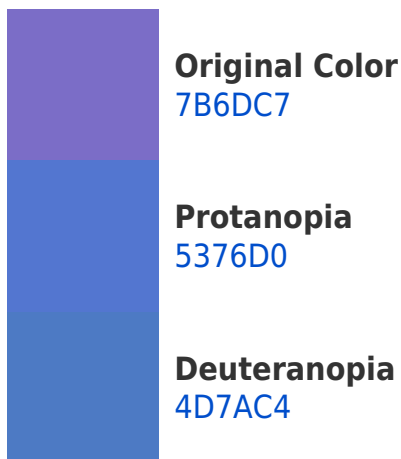


This preview shows how white text looks on a background with the Hex color 7B6DC7.

# 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**  
6C7C86

# Trichromacy



**Original Color**  
7B6DC7

**Protanomaly**  
6273CD

**Deuteranomaly**  
5E75C5

**Tritanomaly**  
71779E

# Monochromacy



**Original Color**  
7B6DC7

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7B7697

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B6DC7 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 #7B6DC7 looks like.

```
.text, #text, p{  
    color:#7B6DC7  
}
```

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 #7B6DC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B6DC7
}
```

## Border

The CSS property to change the border of an element to Hex 7B6DC7 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
#7B6DC7 }
```

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

```
.border{ border-color:#7B6DC7 }
```

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

Here you see how a box with a 4 pixel #7B6DC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B6DC7; -webkit-box-shadow:4px 4px  
4px 4px #7B6DC7; box-shadow:4px 4px 4px  
4px #7B6DC7 }
```

# Background

The CSS property to change the background color of an element to Hex 7B6DC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B6DC7 }
```

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

```
.background{ background-color:#7B6DC7 }
```

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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