

# Converting Colors

Hex(7E6AB8)

Have a look what the booklet for  
Hex(7E6AB8) contains.

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# Color

**Hex(7E6AB8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E6AB8
RGB	126, 106, 184
RGB Percent	49%, 42%, 72%
CMY	0.5059, 0.5843, 0.2784
CMYK	0.32, 0.42, 0.00, 0.28
HSL	255°, 35%, 57%
HSV	255°, 42%, 72%
XYZ	22.4099, 18.2044, 47.6801
YIQ	120.8720, -13.1180, 28.4980

# Conversions

## Conversions Part 2

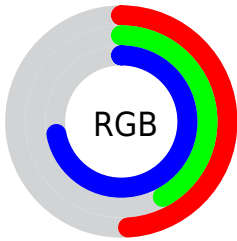
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 106, 184
Decimal	8284856
CIE <sub>Lab</sub>	49.74, 25.51, -38.53
CIE <sub>LCh</sub>	50, 46.209, 303.516
Yxy	18.2044, 0.2538, 0.2062
Android (android.graphics.Color)	4286474936 (0xFF7E6AB8)
YUV	120.8720, 31.1221, 4.4973
Hunter-Lab	42.6666, 19.0878, -36.3902

# Details

The Hex color **7E6AB8** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A4B86A**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B59EF0**, and **4A3A82** is the 20% darker color. If you saturate the color by 10%, you get **7058B8**, and if you desaturate by 10%, it is **8C7CB8**.

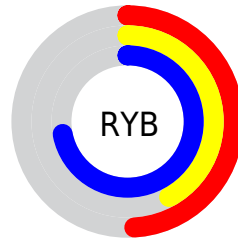
# Distribution



Red (49%)

Green (42%)

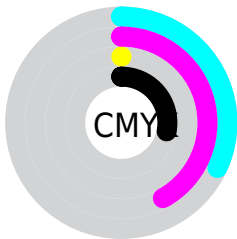
Blue (72%)



Red (49%)

Yellow (42%)

Blue (72%)

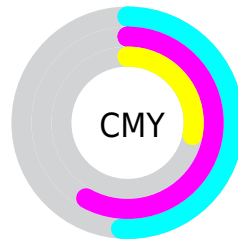


Cyan (32%)

Magenta (42%)

Yellow (0%)

Black (28%)



Cyan (51%)

Magenta (58%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E6AB8 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 7E6AB8 by changing the saturation by 10% instead.



■ 7E6AB8

■ 7E6AB8

FFFFFF

■ 64529D

■ B59EF0

■ 4A3A82

■ D1B9FF

■ 302469

■ EED4FF

■ 141050

■ FFF1FF

■ 000039

■ 000222

■ 000009

■ 000000

■ 7E6AB8

■ 7E6AB8

 7058B8

 8C7CB8

 6345B8

 998FB8

 5533B8

 A7A1B8

 4720B8

 B5B4B8

 3A0EB8

 C2C6B8

 2F00B8

 D0D8B8

 DEEBB8

 EBFDB8

 F9FFB8

# Harmonies

## Analogous

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



2979C5



7E6AB8



AA5A9A

# Triad

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



7E6AB8



A7672F



00897A

# Complementary

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



7E6AB8



A4B86A

# 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.



218752



7E6AB8



877622

# Square

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



7E6AB8



BB594D



5F8031



0089A1

# Rectangle

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



7E6AB8



B95481



5F8031



00896C



# Sweetspot

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



7E6AB8



D9D1F0



6AA5B8



6A6578



F7F7F7



787878



# Same Dimension

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



7E6AB8



9575F0



A56AB8



55535C



28009C



07001C



# Inverse Universe

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



B86AA4



F075D0



7EB86A



5C5359



9C0074



1C0015



# Previews

## White Background



This preview shows how the Hex color 7E6AB8 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 ✓ Pass

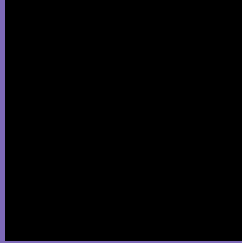
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7E6AB8 Background



This preview shows how black text looks on a background with the Hex color 7E6AB8.

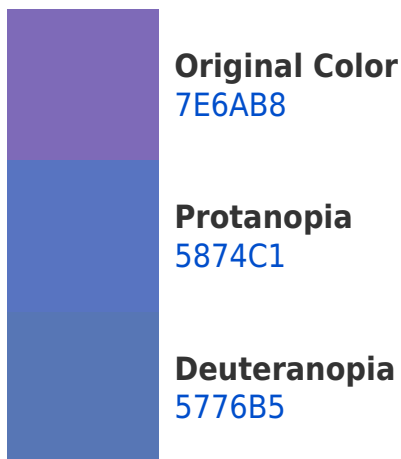


This preview shows how white text looks on a background with the Hex color 7E6AB8.

# 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**  
737680

# Trichromacy



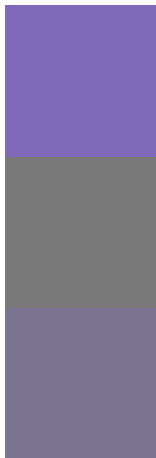
**Original Color**  
7E6AB8

**Protanomaly**  
6670BE

**Deuteranomaly**  
6572B6

**Tritanomaly**  
777294

# Monochromacy



**Original Color**  
7E6AB8

**Achromatopsia**  
797979

**Achromatomaly**  
7B7490

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E6AB8 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 #7E6AB8 looks like.

```
.text, #text, p{  
    color:#7E6AB8  
}
```

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 #7E6AB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E6AB8  
}
```

## Border

The CSS property to change the border of an element to Hex 7E6AB8 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  
#7E6AB8 }
```

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

```
.border{ border-color:#7E6AB8 }
```

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

Here you see how a box with a 4 pixel #7E6AB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E6AB8; -webkit-box-shadow:4px 4px  
4px 4px #7E6AB8; box-shadow:4px 4px 4px  
4px #7E6AB8 }
```

# Background

The CSS property to change the background color of an element to Hex 7E6AB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E6AB8 }
```

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

```
.background{ background-color:#7E6AB8 }
```

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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