

# Converting Colors

Hex(7E77C7)

Have a look what the booklet for  
Hex(7E77C7) contains.

<b>Hex(7E77C7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(7E77C7)

# Conversions

## Conversions Part 1

Format	Color
Hex	7E77C7
RGB	126, 119, 199
RGB Percent	49%, 47%, 78%
CMY	0.5059, 0.5333, 0.2196
CMYK	0.37, 0.40, 0.00, 0.22
HSL	245°, 42%, 62%
HSV	245°, 40%, 78%
XYZ	25.5098, 21.7528, 56.8870
YIQ	130.2130, -21.5080, 26.3640

# Conversions

## Conversions Part 2

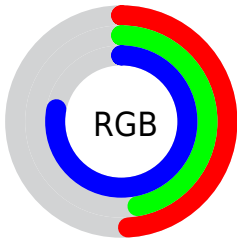
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 119, 199
Decimal	8288199
CIE <sub>Lab</sub>	53.76, 21.82, -40.80
CIE <sub>LCh</sub>	54, 46.267, 298.134
Yxy	21.7528, 0.2449, 0.2089
Android (android.graphics.Color)	4286478279 (0xFF7E77C7)
YUV	130.2130, 33.9120, -3.6948
Hunter-Lab	46.6399, 16.0113, -39.6685

# Details

The Hex color **7E77C7** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **C0C777**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **B5ABFF**, and **494791** is the 20% darker color. If you saturate the color by 10%, you get **6C63C7**, and if you desaturate by 10%, it is **908BC7**.

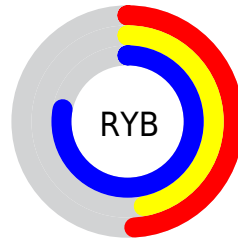
# Distribution



Red (49%)

Green (47%)

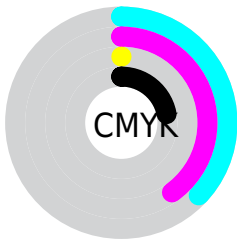
Blue (78%)



Red (49%)

Yellow (47%)

Blue (78%)

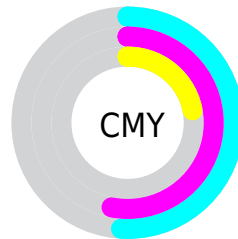


Cyan (37%)

Magenta (40%)

Yellow (0%)

Black (22%)



Cyan (51%)

Magenta (53%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E77C7 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 7E77C7 by changing the saturation by 10% instead.



■ 7E77C7

■ 7E77C7

FFFFFF

■ 635EAB

■ B5ABFF

■ 494791

■ D2C7FF

■ 2E3077

■ EEE3FF

■ 0E1B5D

■ 000445

■ 00042E

■ 000119

■ 000000

■ 7E77C7

■ 7E77C7

6C63C7

908BC7

5A4FC7

A29FC7

483BC7

B4B3C7

3527C7

C7C7C7

2314C7

D9DBC7

1100C7

EBEEC7

FDFFC7

FFFFC7

# Harmonies

## Analogous

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



1D86D0



7E77C7



AF67AB

# Triad

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



7E77C7



B86F3D



00947D

# Complementary

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



7E77C7



C0C777

# 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.



3D9155



7E77C7



997E2C

# Square

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



7E77C7



C9615D



718936



0094A5

# Rectangle

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



7E77C7



C25F92



718936



00936F



# Sweetspot

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



7E77C7



E3E0FF



77C0C7



6F6E80



000000



808080



# Same Dimension

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



7E77C7



8F85FF



A677C7



5A5A63



0E00A3



030024



# Inverse Universe

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



C777C0



FF85F4



98C777



635A63



A30095

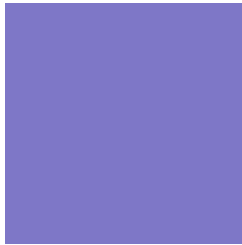


240021



# Previews

## White Background



This preview shows how the Hex color 7E77C7 looks on a white background.

## Color Contrast Check

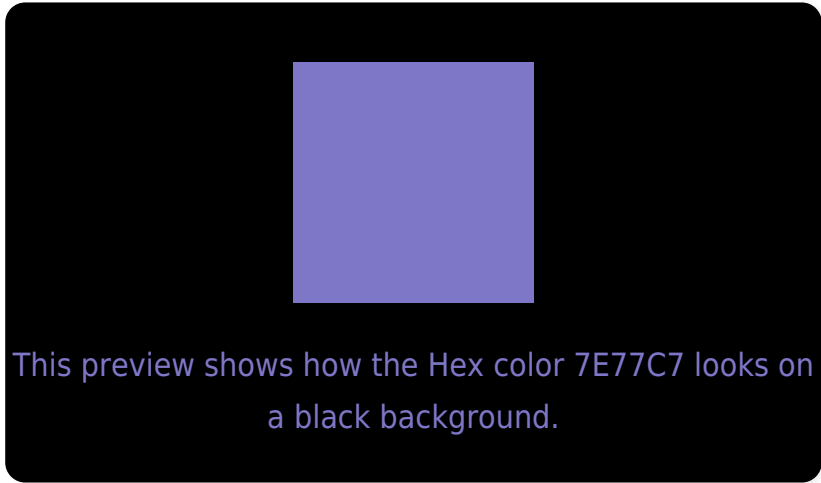
Large Text (above 18pt) WCAG AA ✓ Pass

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

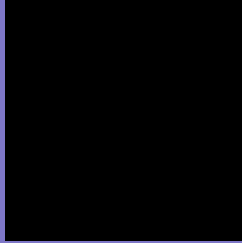
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7E77C7 Background



This preview shows how black text looks on a background with the Hex color 7E77C7.

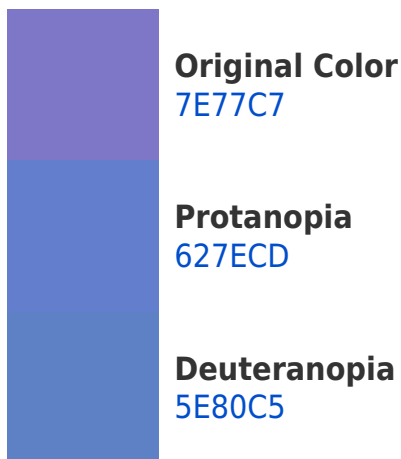


This preview shows how white text looks on a background with the Hex color 7E77C7.

# 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](#).

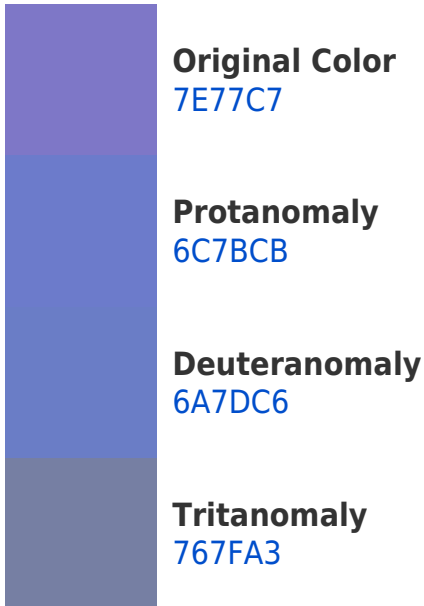
## Dichromacy





**Tritanopia**  
71838E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E77C7 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 #7E77C7 looks like.

```
.text, #text, p{  
    color:#7E77C7  
}
```

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 #7E77C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E77C7
}
```

## Border

The CSS property to change the border of an element to Hex 7E77C7 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
#7E77C7 }
```

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

```
.border{ border-color:#7E77C7 }
```

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

Here you see how a box with a 4 pixel #7E77C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E77C7; -webkit-box-shadow:4px 4px  
4px 4px #7E77C7; box-shadow:4px 4px 4px  
4px #7E77C7 }
```

# Background

The CSS property to change the background color of an element to Hex `7E77C7` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E77C7 }
```

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

```
.background{ background-color:#7E77C7 }
```

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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