

# Converting Colors

Hex(7E72C8)

Have a look what the booklet for  
Hex(7E72C8) contains.

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# Color

Hex(7E72C8)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E72C8
RGB	126, 114, 200
RGB Percent	49%, 45%, 78%
CMY	0.5059, 0.5529, 0.2157
CMYK	0.37, 0.43, 0.00, 0.22
HSL	248°, 44%, 62%
HSV	248°, 43%, 78%
XYZ	25.0468, 20.6404, 57.3075
YIQ	127.3920, -20.4540, 29.2900

# Conversions

## Conversions Part 2

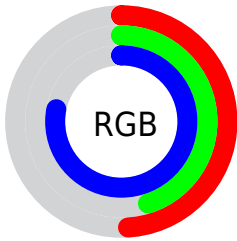
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	126, 114, 200
Decimal	8286920
CIE Lab	52.55, 25.07, -43.28
CIE LCh	53, 50.018, 300.080
Yxy	20.6404, 0.2432, 0.2004
Android (android.graphics.Color)	4286477000 (0xFF7E72C8)
YUV	127.3920, 35.7957, -1.2208
Hunter-Lab	45.4317, 18.9029, -42.9861

# Details

The Hex color **7E72C8** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **BCC872**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B5A6FF**, and **484291** is the 20% darker color. If you saturate the color by 10%, you get **6D5EC8**, and if you desaturate by 10%, it is **8F86C8**.

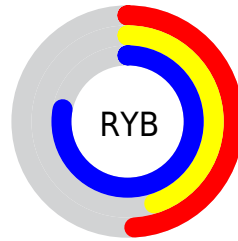
# Distribution



Red (49%)

Green (45%)

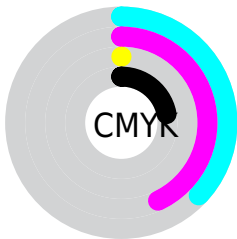
Blue (78%)



Red (49%)

Yellow (45%)

Blue (78%)

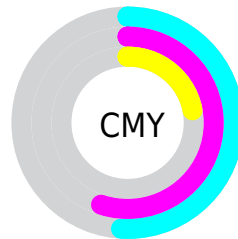


Cyan (37%)

Magenta (43%)

Yellow (0%)

Black (22%)



Cyan (51%)

Magenta (55%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E72C8 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 7E72C8 by changing the saturation by 10% instead.



■ 7E72C8

■ 7E72C8

FFFFFF

■ 6359AC

■ B5A6FF

■ 484291

■ D2C1FF

■ 2D2C77

■ EFDDFF

■ 0B175E

■ FFFAFF

■ 000046

■ 00042F

■ 000119

■ 000000

■ 7E72C8

■ 7E72C8

 6D5EC8

 8F86C8

 5C4AC8

 A09AC8

 4A36C8

 B2AEC8

 3922C8

 C3C2C8

 280EC8

 D4D6C8

 1C00C8

 E5EAC8

 F6FEC8

 FFFFC8

# Harmonies

## Analogous

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



0082D3



7E72C8



B160A9

# Triad

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



7E72C8



B66B32



00927C

# Complementary

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



7E72C8



BCC872

# 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.



2A8F51



7E72C8



947B20

# Square

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



7E72C8



C95B55



69872D



0092A7

# Rectangle

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



7E72C8



C4588E



69872D



00916D



# Sweetspot

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



7E72C8



E2DEFF



72BDC8



6E6B80



000000



808080



# Same Dimension

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



7E72C8



8D7AFF



A872C8



5B5A63



1700A3



050024



# Inverse Universe

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



C872BC



FF7AEC



92C872



635A62



A3008C



24001F



# Previews

## White Background



This preview shows how the Hex color 7E72C8 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 7E72C8 Background



This preview shows how black text looks on a background with the Hex color 7E72C8.

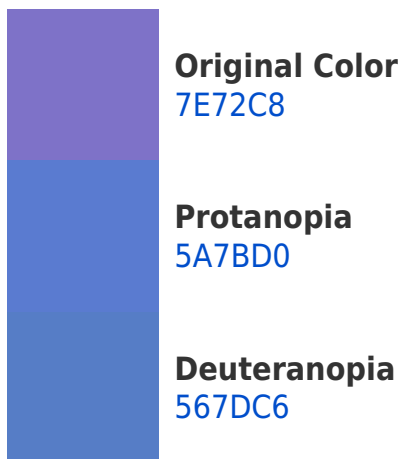


This preview shows how white text looks on a background with the Hex color 7E72C8.

# 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](#).

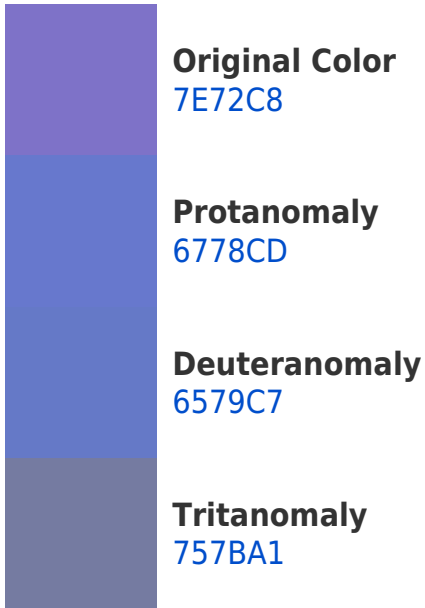
## Dichromacy



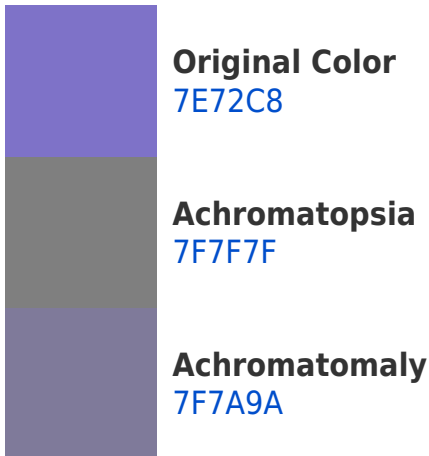


**Tritanopia**  
70808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E72C8 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 #7E72C8 looks like.

```
.text, #text, p{  
    color:#7E72C8  
}
```

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 #7E72C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E72C8
}
```

## Border

The CSS property to change the border of an element to Hex 7E72C8 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
#7E72C8 }
```

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

```
.border{ border-color:#7E72C8 }
```

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

Here you see how a box with a 4 pixel #7E72C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E72C8; -webkit-box-shadow:4px 4px  
4px 4px #7E72C8; box-shadow:4px 4px 4px  
4px #7E72C8 }
```

# Background

The CSS property to change the background color of an element to Hex 7E72C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E72C8 }
```

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

```
.background{ background-color:#7E72C8 }
```

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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