

Converting Colors

Hex(7E66C7)

Have a look what the booklet for
Hex(7E66C7) contains.

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Color

Hex(7E66C7)

Conversions

Conversions Part 1

Format	Color
Hex	7E66C7
RGB	126, 102, 199
RGB Percent	49%, 40%, 78%
CMY	0.5059, 0.6000, 0.2196
CMYK	0.37, 0.49, 0.00, 0.22
HSL	255°, 46%, 59%
HSV	255°, 49%, 78%
XYZ	23.6644, 18.0619, 56.2719
YIQ	120.2340, -16.8330, 35.2550

Conversions

Conversions Part 2

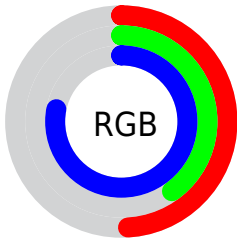
Format	Color
R_{YB}	126, 102, 199
Decimal	8283847
CIE _{Lab}	49.57, 31.92, -47.45
CIE _{LCh}	50, 57.181, 303.927
Yxy	18.0619, 0.2415, 0.1843
Android (android.graphics.Color)	4286473927 (0xFF7E66C7)
YUV	120.2340, 38.8316, 5.0568
Hunter-Lab	42.4993, 25.0183, -48.7544

Details

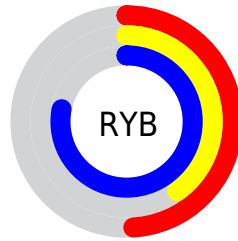
The Hex color **7E66C7** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **AFC766**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B699FF**, and **483690** is the 20% darker color. If you saturate the color by 10%, you get **6F52C7**, and if you desaturate by 10%, it is **8D7AC7**.

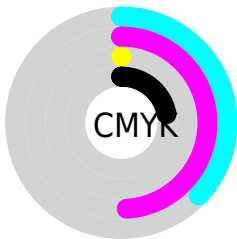
Distribution



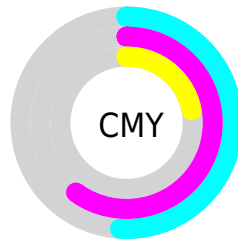
- Red (49%)
- Green (40%)
- Blue (78%)



- Red (49%)
- Yellow (40%)
- Blue (78%)



- Cyan (37%)
- Magenta (49%)
- Yellow (0%)
- Black (22%)



- Cyan (51%)
- Magenta (60%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E66C7 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 7E66C7 by changing the saturation by 10% instead.

7E66C7

7E66C7

FFFFFF

634EAB

B699FF

483690

D2B4FF

2C2076

EFD0FF

070B5D

FFECFF

000045

00032D

000118

000000

7E66C7

7E66C7

6F52C7

8D7AC7

603EC7

9C8EC7

512AC7

ABA2C7

4216C7

BAB6C7

3303C7

C9CAC7

3100C7

D8DDC7

E7F1C7

F6FFC7

FFFFC7

Harmonies

Analogous

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



007AD7



7E66C7



B550A1

Triad

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



7E66C7



AE6318



008C7B

Complementary

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



7E66C7



AFC766

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.



008949



7E66C7



877600

Square

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



7E66C7



C74E42



55821A



008BAB

Rectangle

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



7E66C7



C74582



55821A



008C6A

Sweetspot

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



7E66C7



E2D9FF



66B0C7



6E6980



000000



808080

Same Dimension

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



7E66C7



906BFF



AD66C7



5C5A63



2800A3



090024

Inverse Universe

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



C766AF



FF6BDA



80C766



635A61



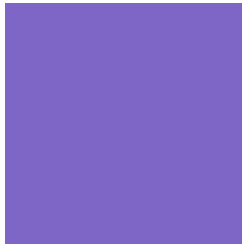
A3007B



24001B

Previews

White Background



This preview shows how the Hex color 7E66C7 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

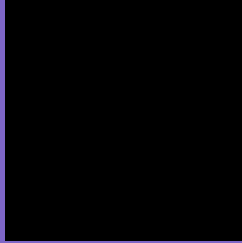
Any Text WCAG AA ✓ Pass

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 7E66C7 Background



This preview shows how black text looks on a background with the Hex color 7E66C7.

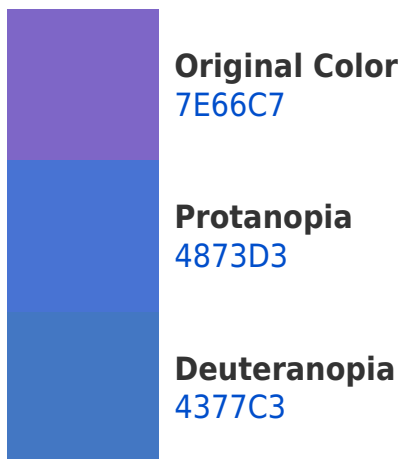


This preview shows how white text looks on a background with the Hex color 7E66C7.

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
6E7780

Trichromacy



Original Color
7E66C7

Protanomaly
5C6ECF

Deuteranomaly
5871C4

Tritanomaly
74719A

Monochromacy



Original Color
7E66C7

Achromatopsia
787878

Achromatomaly
7A7195

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E66C7 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 #7E66C7 looks like.

```
.text, #text, p{  
    color:#7E66C7  
}
```

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 #7E66C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E66C7
}
```

Border

The CSS property to change the border of an element to Hex 7E66C7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

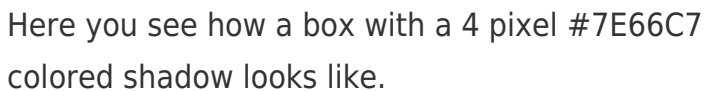
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E66C7 }
```

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

```
.border{ border-color:#7E66C7 }
```

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



Here you see how a box with a 4 pixel `#7E66C7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E66C7; -webkit-box-shadow:4px 4px  
4px 4px #7E66C7; box-shadow:4px 4px 4px  
4px #7E66C7 }
```

Background

The CSS property to change the background color of an element to Hex 7E66C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E66C7 }
```

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

```
.background{ background-color:#7E66C7 }
```

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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