

# Converting Colors

Hex(7E5FC5)

Have a look what the booklet for  
Hex(7E5FC5) contains.

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# Color

**Hex(7E5FC5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E5FC5
RGB	126, 95, 197
RGB Percent	49%, 37%, 77%
CMY	0.5059, 0.6275, 0.2275
CMYK	0.36, 0.52, 0.00, 0.23
HSL	258°, 47%, 57%
HSV	258°, 52%, 77%
XYZ	22.7744, 16.6513, 54.8370
YIQ	115.8970, -14.2660, 38.2940

# Conversions

## Conversions Part 2

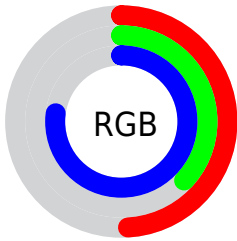
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 95, 197
Decimal	8282053
CIE <sub>Lab</sub>	47.82, 35.48, -49.09
CIE <sub>LCh</sub>	48, 60.572, 305.856
Yxy	16.6513, 0.2416, 0.1766
Android (android.graphics.Color)	4286472133 (0xFF7E5FC5)
YUV	115.8970, 39.9838, 8.8603
Hunter-Lab	40.8059, 28.2132, -51.1126

# Details

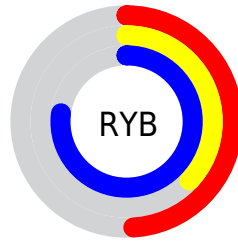
The Hex color **7E5FC5** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **A6C55F**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **B692FE**, and **482F8E** is the 20% darker color. If you saturate the color by 10%, you get **704BC5**, and if you desaturate by 10%, it is **8C73C5**.

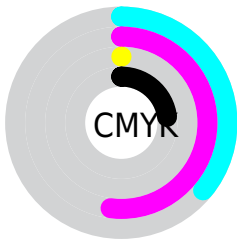
# Distribution



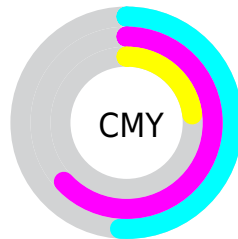
- Red (49%)
- Green (37%)
- Blue (77%)



- Red (49%)
- Yellow (37%)
- Blue (77%)



- Cyan (36%)
- Magenta (52%)
- Yellow (0%)
- Black (23%)



- Cyan (51%)
- Magenta (63%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E5FC5 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 7E5FC5 by changing the saturation by 10% instead.



7E5FC5

7E5FC5

FFFFFF

6347A9

B692FE

482F8E

D2ADFF

2B1974

F0C9FF

06035B

FFE5FF

000043

00032C

000116

000000

7E5FC5

7E5FC5

704BC5

8C73C5

6338C5

9986C5

5524C5

A79AC5

4710C5

B5AEC5

3C00C5

C3C2C5

D0D5C5

DEE9C5

ECFDC5

F9FFC5

# Harmonies

## Analogous

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



0075D8



7E5FC5



B6469C

# Triad

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



7E5FC5



A95F04



00887A

# Complementary

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



7E5FC5



A6C55F

# 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.



008645



7E5FC5



807200

# Square

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



7E5FC5



C54738



4A7F0E



0088AC

# Rectangle

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



7E5FC5



C73A7B



4A7F0E



008869



# Sweetspot

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



7E5FC5



E3D6FF



5FA6C5



6F6780



000000



808080



# Same Dimension

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



7E5FC5



9161FF



B15FC5



5D5A63



3200A3



0B0024



# Inverse Universe

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



C55FA6



FF61CF



73C55F



635A60



A30072

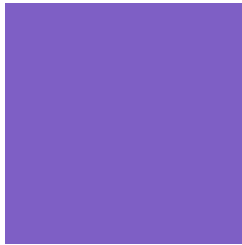


240019



# Previews

## White Background



This preview shows how the Hex color 7E5FC5 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 × Fail

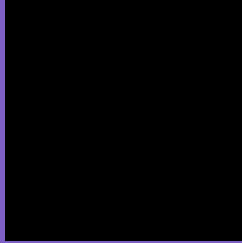
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7E5FC5 Background



This preview shows how black text looks on a background with the Hex color 7E5FC5.

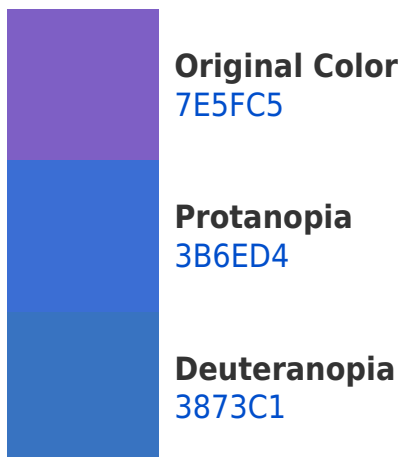


This preview shows how white text looks on a background with the Hex color 7E5FC5.

# 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**  
6E717A

# Trichromacy



**Original Color**  
7E5FC5

**Protanomaly**  
5369CF

**Deuteranomaly**  
516CC2

**Tritanomaly**  
746A95

# Monochromacy



**Original Color**  
7E5FC5

**Achromatopsia**  
747474

**Achromatomaly**  
786C91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E5FC5 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 #7E5FC5 looks like.

```
.text, #text, p{  
    color:#7E5FC5  
}
```

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 #7E5FC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E5FC5  
}
```

## Border

The CSS property to change the border of an element to Hex 7E5FC5 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  
#7E5FC5 }
```

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

```
.border{ border-color:#7E5FC5 }
```

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

Here you see how a box with a 4 pixel #7E5FC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E5FC5; -webkit-box-shadow:4px 4px  
4px 4px #7E5FC5; box-shadow:4px 4px 4px  
4px #7E5FC5 }
```

# Background

The CSS property to change the background color of an element to Hex 7E5FC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E5FC5 }
```

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

```
.background{ background-color:#7E5FC5 }
```

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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