

# Converting Colors

Hex(7E4EE2)

Have a look what the booklet for  
Hex(7E4EE2) contains.

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# Color

**Hex(7E4EE2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E4EE2
RGB	126, 78, 226
RGB Percent	49%, 31%, 89%
CMY	0.5059, 0.6941, 0.1137
CMYK	0.44, 0.65, 0.00, 0.11
HSL	259°, 72%, 60%
HSV	259°, 65%, 89%
XYZ	25.0560, 15.3754, 73.5987
YIQ	109.2240, -18.9000, 56.2040

# Conversions

## Conversions Part 2

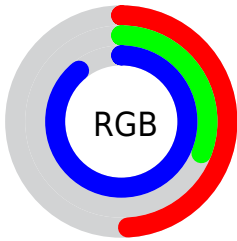
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 78, 226
Decimal	8277730
CIE <sub>Lab</sub>	46.14, 52.74, -68.38
CIE <sub>LCh</sub>	46, 86.351, 307.641
Yxy	15.3754, 0.2197, 0.1348
Android (android.graphics.Color)	4286467810 (0xFF7E4EE2)
YUV	109.2240, 57.5706, 14.7126
Hunter-Lab	39.2115, 45.4411, -83.8374

# Details

The Hex color **7E4EE2** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **B2E24E**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **B982FF**, and **411BA9** is the 20% darker color. If you saturate the color by 10%, you get **6F37E2**, and if you desaturate by 10%, it is **8D65E2**.

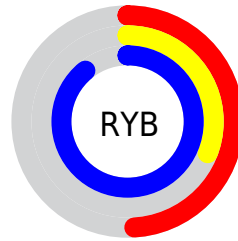
# Distribution



Red (49%)

Green (31%)

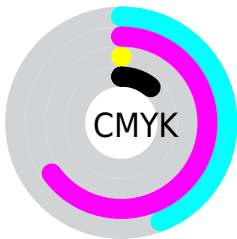
Blue (89%)



Red (49%)

Yellow (31%)

Blue (89%)

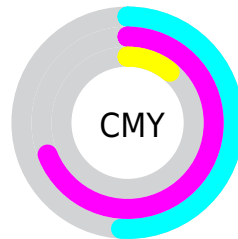


Cyan (44%)

Magenta (65%)

Yellow (0%)

Black (11%)



Cyan (51%)

Magenta (69%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E4EE2 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 7E4EE2 by changing the saturation by 10% instead.



7E4EE2

7E4EE2

FFFFFF

6035C5

B982FF

411BA9

D79DFF

1B008E

F5B8FF

000074

FFD4FF

00005A

FFF1FF

000742

00032B

000115

000000

 7E4EE2

 7E4EE2

 6F37E2

 8D65E2

 5F21E2

 9D7BE2

 500AE2

 AC92E2

 4900E2

 BBA8E2

 CABFE2

 DAD6E2

 E9ECE2

 F8FFE2

 FFFFE2

# Harmonies

## Analogous

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



0072FF



7E4EE2



CD00A6

# Triad

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



7E4EE2



B05400



008A7F

# Complementary

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



7E4EE2



B2E24E

# 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.



008731



7E4EE2



757100

# Square

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



7E4EE2



D81816



108000



008AC5

# Rectangle

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



7E4EE2



E30076



108000



008965



# Sweetspot

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



7E4EE2



DDCCFF



4EB3E2



6B6180



000000



808080



# Same Dimension

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



7E4EE2



7736FF



C74EE2



696570



3900B0



100030



# Inverse Universe

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



E24EB2



FF36BE



69E24E



70656D



B00077

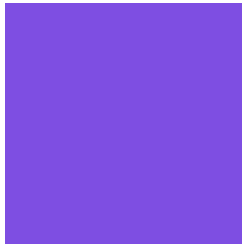


300021



# Previews

## White Background



This preview shows how the Hex color 7E4EE2 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 7E4EE2 Background



This preview shows how black text looks on a background with the Hex color 7E4EE2.



This preview shows how white text looks on a background with the Hex color 7E4EE2.

# 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](#).

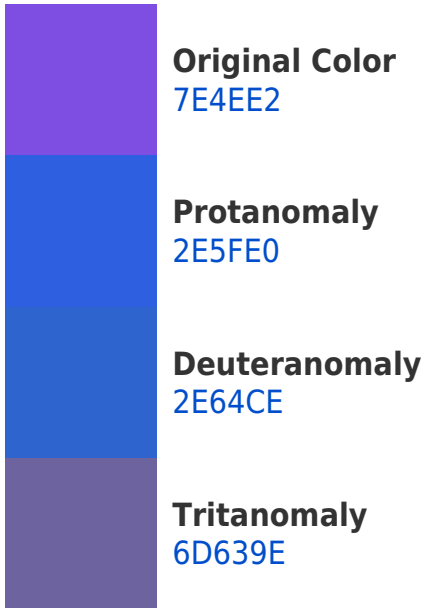
## Dichromacy





**Tritanopia**  
636F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E4EE2 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 #7E4EE2 looks like.

```
.text, #text, p{  
    color:#7E4EE2  
}
```

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 #7E4EE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E4EE2
}
```

## Border

The CSS property to change the border of an element to Hex 7E4EE2 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
#7E4EE2 }
```

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

```
.border{ border-color:#7E4EE2 }
```

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

Here you see how a box with a 4 pixel #7E4EE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E4EE2; -webkit-box-shadow:4px 4px  
4px 4px #7E4EE2; box-shadow:4px 4px 4px  
4px #7E4EE2 }
```

# Background

The CSS property to change the background color of an element to Hex 7E4EE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E4EE2 }
```

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

```
.background{ background-color:#7E4EE2 }
```

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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