

# Converting Colors

Hex(7E4EA4)

Have a look what the booklet for  
Hex(7E4EA4) contains.

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# Color

**Hex(7E4EA4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E4EA4
RGB	126, 78, 164
RGB Percent	49%, 31%, 64%
CMY	0.5059, 0.6941, 0.3569
CMYK	0.23, 0.52, 0.00, 0.36
HSL	273°, 36%, 47%
HSV	273°, 52%, 64%
XYZ	18.0294, 12.5647, 36.5969
YIQ	102.1560, 1.0020, 36.9220

# Conversions

## Conversions Part 2

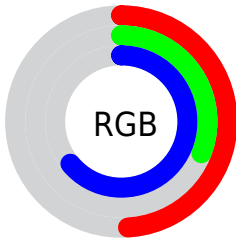
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	126, 78, 164
Decimal	8277668
CIELab	42.10, 36.86, -38.88
CIELCh	42, 53.577, 313.467
Yxy	12.5647, 0.2683, 0.1870
Android (android.graphics.Color)	4286467748 (0xFF7E4EA4)
YUV	102.1560, 30.4891, 20.9112
Hunter-Lab	35.4468, 28.7592, -36.4011

# Details

The Hex color **7E4EA4** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **74A44E**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **B581DB**, and **4A1E70** is the 20% darker color. If you saturate the color by 10%, you get **773EA4**, and if you desaturate by 10%, it is **855EA4**.

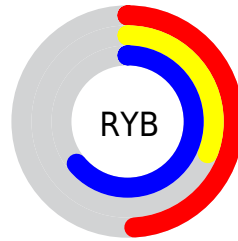
# Distribution



Red (49%)

Green (31%)

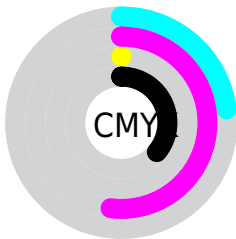
Blue (64%)



Red (49%)

Yellow (31%)

Blue (64%)

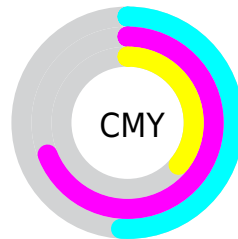


Cyan (23%)

Magenta (52%)

Yellow (0%)

Black (36%)



Cyan (51%)

Magenta (69%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E4EA4 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 7E4EA4 by changing the saturation by 10% instead.



7E4EA4

7E4EA4

FFFFFF

643689

B581DB

4A1E70

D19BF8

300557

EEB6FF

1A003F

FFD2FF

000128

FFEFFF

000112

000000

7E4EA4

7E4EA4

773EA4

855EA4

702DA4

8C6FA4

681DA4

947FA4

610CA4

9B90A4

5C00A4

A2A0A4

A9B0A4

B1C1A4

B8D1A4

BFE2A4

# Harmonies

## Analogous

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



2162BA



7E4EA4



A63A7E

# Triad

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



7E4EA4



8C5800



007877

# Complementary

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



7E4EA4



74A44E

# 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.



007649



7E4EA4



656800

# Square

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



7E4EA4



A74528



31711C



00769F

# Rectangle

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



7E4EA4



B03460



31711C



007767



# Sweetspot

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



7E4EA4



C7B4D6



4E75A4



62576B



EBEBEB



6B6B6B



# Same Dimension

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



7E4EA4



9B4FD6



A44EA0



4E4952



510091



0A0012



# Inverse Universe

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



A44E74



D64F8B



4EA452



52494D



910040

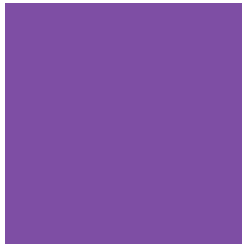


120008



# Previews

## White Background



This preview shows how the Hex color 7E4EA4 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

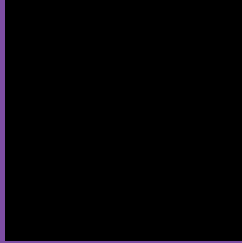
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7E4EA4 Background



This preview shows how black text looks on a background with the Hex color 7E4EA4.

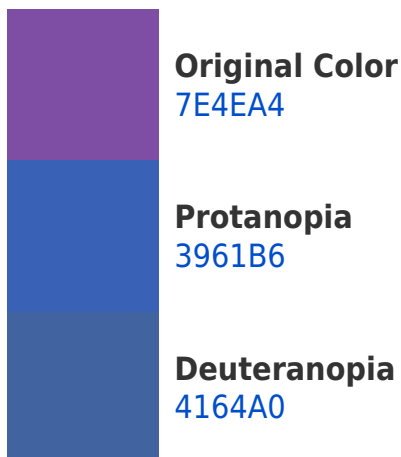



This preview shows how white text looks on a background with the Hex color 7E4EA4.

# 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**  
735E65

# Trichromacy



**Original Color**  
7E4EA4



**Protanomaly**  
525AAF



**Deuteranomaly**  
575CA1



**Tritanomaly**  
77587C

# Monochromacy



**Original Color**  
7E4EA4



**Achromatopsia**  
666666



**Achromatomaly**  
6F5D7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E4EA4 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 #7E4EA4 looks like.

```
.text, #text, p{  
    color:#7E4EA4  
}
```

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 #7E4EA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E4EA4
}
```

## Border

The CSS property to change the border of an element to Hex 7E4EA4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

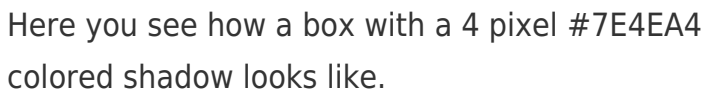
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E4EA4 }
```

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

```
.border{ border-color:#7E4EA4 }
```

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



Here you see how a box with a 4 pixel #7E4EA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E4EA4; -webkit-box-shadow:4px 4px  
4px 4px #7E4EA4; box-shadow:4px 4px 4px  
4px #7E4EA4 }
```

# Background

The CSS property to change the background color of an element to Hex 7E4EA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E4EA4 }
```

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

```
.background{ background-color:#7E4EA4 }
```

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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