

# Converting Colors

Hex(7A4ED3)

Have a look what the booklet for  
Hex(7A4ED3) contains.

<b>Hex(7A4ED3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(7A4ED3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A4ED3
RGB	122, 78, 211
RGB Percent	48%, 31%, 83%
CMY	0.5216, 0.6941, 0.1725
CMYK	0.42, 0.63, 0.00, 0.17
HSL	260°, 60%, 57%
HSV	260°, 63%, 83%
XYZ	22.5083, 14.2895, 63.1998
YIQ	106.3180, -16.4690, 50.6910

# Conversions

## Conversions Part 2

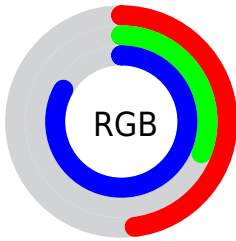
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 78, 211
Decimal	8015571
CIE <sub>Lab</sub>	44.65, 47.94, -62.27
CIE <sub>LCh</sub>	45, 78.588, 307.590
Yxy	14.2895, 0.2251, 0.1429
Android (android.graphics.Color)	4286205651 (0xFF7A4ED3)
YUV	106.3180, 51.6082, 13.7531
Hunter-Lab	37.8015, 40.1325, -72.6653

# Details

The Hex color **7A4ED3** 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 **A7D34E**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **B481FF**, and **3F1C9B** is the 20% darker color. If you saturate the color by 10%, you get **6C39D3**, and if you desaturate by 10%, it is **8863D3**.

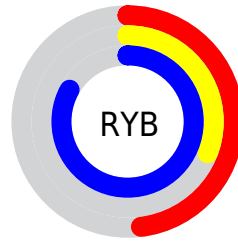
# Distribution



Red (48%)

Green (31%)

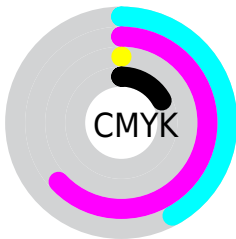
Blue (83%)



Red (48%)

Yellow (31%)

Blue (83%)

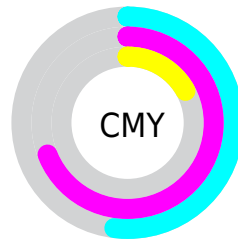


Cyan (42%)

Magenta (63%)

Yellow (0%)

Black (17%)



Cyan (52%)

Magenta (69%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A4ED3 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 7A4ED3 by changing the saturation by 10% instead.



7A4ED3

7A4ED3

FFFFFF

5D35B7

B481FF

3F1C9B

D19CFF

1C0181

EFB7FF

000067

FFD3FF

00004E

FFF0FF

000536

000220

000003

000000

 7A4ED3

 7A4ED3

 6C39D3

 8863D3

 5E24D3

 9678D3

 500FD3

 A48DD3

 4600D3

 B2A2D3

 C1B8D3

 CFCDD3

 DDE2D3

 EBF7D3

 F9FFD3

# Harmonies

## Analogous

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



006EEE



7A4ED3



C1149D

# Triad

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



7A4ED3



A75300



008479

# Complementary

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



7A4ED3



A7D34E

# 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.



008133



7A4ED3



736D00

# Square

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



7A4ED3



CC261C



217B00



0084B9

# Rectangle

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



7A4ED3



D50072



217B00



008362



# Sweetspot

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



7A4ED3



DFCFFF



4EA9D3



6C6280



000000



808080



# Same Dimension

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



7A4ED3



7D3DFF



BB4ED3



625E69



3800A8



0D0029



# Inverse Universe

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



D34EA7



FF3DBF



66D34E



695E65



A80071

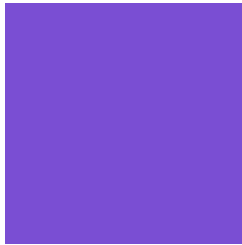


29001B



# Previews

## White Background



This preview shows how the Hex color 7A4ED3 looks on a white background.

## Color Contrast Check

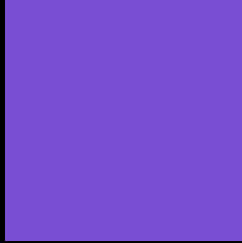
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 7A4ED3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

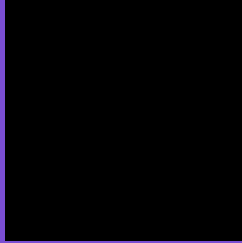
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A4ED3 Background



This preview shows how black text looks on a background with the Hex color 7A4ED3.



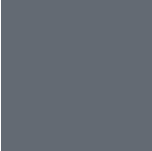
This preview shows how white text looks on a background with the Hex color 7A4ED3.

# 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](#).

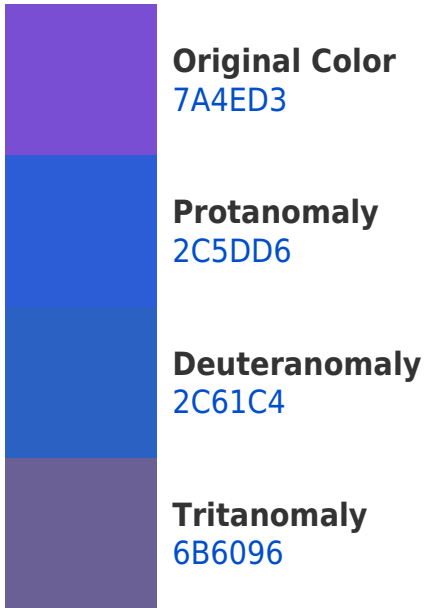
## Dichromacy



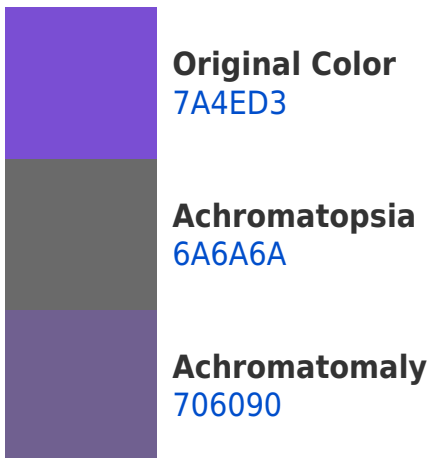


**Tritanopia**  
636A73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A4ED3 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 #7A4ED3 looks like.

```
.text, #text, p{  
    color:#7A4ED3  
}
```

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 #7A4ED3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A4ED3
}
```

## Border

The CSS property to change the border of an element to Hex 7A4ED3 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
#7A4ED3 }
```

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

```
.border{ border-color:#7A4ED3 }
```

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

Here you see how a box with a 4 pixel #7A4ED3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A4ED3; -webkit-box-shadow:4px 4px  
4px 4px #7A4ED3; box-shadow:4px 4px 4px  
4px #7A4ED3 }
```

# Background

The CSS property to change the background color of an element to Hex 7A4ED3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A4ED3 }
```

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

```
.background{ background-color:#7A4ED3 }
```

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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