

# Converting Colors

Hex(7D4EA2)

Have a look what the booklet for  
Hex(7D4EA2) contains.

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# Color

**Hex(7D4EA2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D4EA2
RGB	125, 78, 162
RGB Percent	49%, 31%, 64%
CMY	0.5098, 0.6941, 0.3647
CMYK	0.23, 0.52, 0.00, 0.36
HSL	274°, 35%, 47%
HSV	274°, 52%, 64%
XYZ	17.7034, 12.4174, 35.6461
YIQ	101.6290, 1.0480, 36.0880

# Conversions

## Conversions Part 2

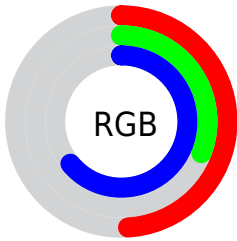
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 78, 162
Decimal	8212130
CIELab	41.87, 36.10, -38.06
CIELCh	42, 52.458, 313.483
Yxy	12.4174, 0.2692, 0.1888
Android (android.graphics.Color)	4286402210 (0xFF7D4EA2)
YUV	101.6290, 29.7629, 20.4964
Hunter-Lab	35.2383, 28.0098, -35.3094

# Details

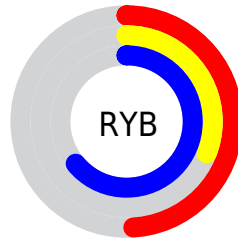
The Hex color **7D4EA2** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **73A24E**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **B481D9**, and **491E6E** is the 20% darker color. If you saturate the color by 10%, you get **763EA2**, and if you desaturate by 10%, it is **845EA2**.

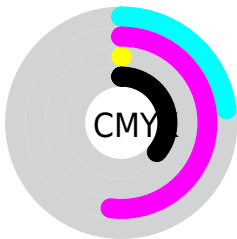
# Distribution



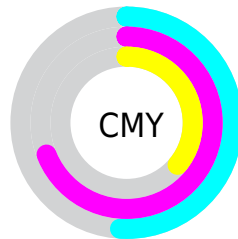
- Red (49%)
- Green (31%)
- Blue (64%)



- 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 7D4EA2 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 7D4EA2 by changing the saturation by 10% instead.



7D4EA2

7D4EA2

FFFFFF

633687

B481D9

491E6E

D09BF6

300555

EDB6FF

1A003D

FFD2FF

000226

FFEFFF

000110

000000

7D4EA2

7D4EA2

763EA2

845EA2

■ 6F2EA2

■ 8B6EA2

■ 681DA2

■ 927FA2

■ 600DA2

■ 9A8FA2

■ 5B00A2

■ A19FA2

■ A8AFA2

■ AFBFA2

■ B6D0A2

■ BDE0A2

# Harmonies

## Analogous

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



2461B7



7D4EA2



A43B7C

# Triad

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



7D4EA2



8A5800



007776

# Complementary

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



7D4EA2



73A24E

# 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.



007549



7D4EA2



656700

# Square

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



7D4EA2



A54529



32701D



00759E

# Rectangle

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



7D4EA2



AE3560



32701D



007667



# Sweetspot

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



7D4EA2



C5B2D4



4E74A2



62576B



EBEBEB



6B6B6B



# Same Dimension

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



7D4EA2



9A50D4



A24E9E



4E4952



510091



0A0012



# Inverse Universe

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



A24E73



D4508A



4EA252



52494D



910040

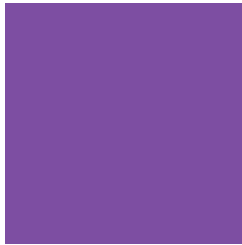


120008



# Previews

## White Background



This preview shows how the Hex color 7D4EA2 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

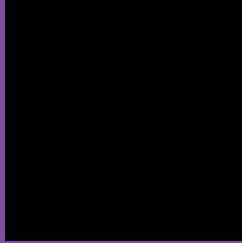
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D4EA2 Background



This preview shows how black text looks on a background with the Hex color 7D4EA2.




This preview shows how white text looks on a background with the Hex color 7D4EA2.

# 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**  
735D64

# Trichromacy



**Original Color**  
7D4EA2



**Protanomaly**  
5259AD



**Deuteranomaly**  
575B9F



**Tritanomaly**  
77587B

# Monochromacy



**Original Color**  
7D4EA2



**Achromatopsia**  
666666



**Achromatomaly**  
6E5D7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D4EA2 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 #7D4EA2 looks like.

```
.text, #text, p{  
    color:#7D4EA2  
}
```

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 #7D4EA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D4EA2
}
```

## Border

The CSS property to change the border of an element to Hex 7D4EA2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

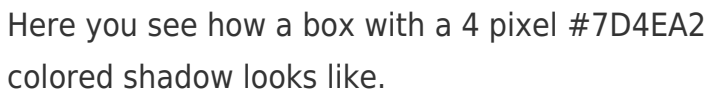
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D4EA2 }
```

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

```
.border{ border-color:#7D4EA2 }
```

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



Here you see how a box with a 4 pixel #7D4EA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D4EA2; -webkit-box-shadow:4px 4px  
4px 4px #7D4EA2; box-shadow:4px 4px 4px  
4px #7D4EA2 }
```

# Background

The CSS property to change the background color of an element to Hex 7D4EA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D4EA2 }
```

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

```
.background{ background-color:#7D4EA2 }
```

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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