

Converting Colors

Hex(7D4EAA)

Have a look what the booklet for
Hex(7D4EAA) contains.

Hex(7D4EAA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7D4EAA)

Conversions

Conversions Part 1

Format	Color
Hex	7D4EAA
RGB	125, 78, 170
RGB Percent	49%, 31%, 67%
CMY	0.5098, 0.6941, 0.3333
CMYK	0.26, 0.54, 0.00, 0.33
HSL	271°, 37%, 49%
HSV	271°, 54%, 67%
XYZ	18.4375, 12.7110, 39.5119
YIQ	102.5410, -1.5200, 38.5760

Conversions

Conversions Part 2

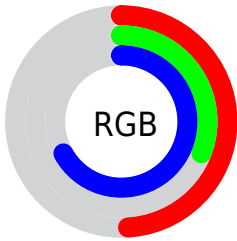
Format	Color
R_{YB}	125, 78, 170
Decimal	8212138
CIE _{Lab}	42.32, 38.04, -42.10
CIE _{LCh}	42, 56.737, 312.104
Yxy	12.7110, 0.2609, 0.1799
Android (android.graphics.Color)	4286402218 (0xFF7D4EAA)
YUV	102.5410, 33.2573, 19.6965
Hunter-Lab	35.6525, 29.9185, -40.7514

Details

The Hex color **7D4EAA** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **7BAA4E**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **B481E2**, and **481E75** is the 20% darker color. If you saturate the color by 10%, you get **753DAA**, and if you desaturate by 10%, it is **855FAA**.

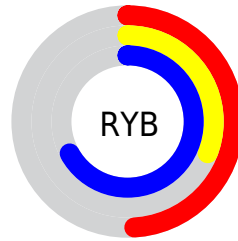
Distribution



Red (49%)

Green (31%)

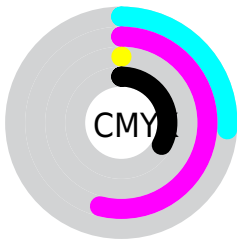
Blue (67%)



Red (49%)

Yellow (31%)

Blue (67%)

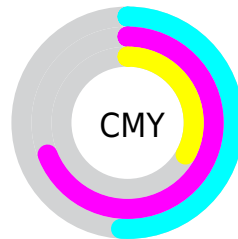


Cyan (26%)

Magenta (54%)

Yellow (0%)

Black (33%)



Cyan (51%)

Magenta (69%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D4EAA 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 7D4EAA by changing the saturation by 10% instead.

7D4EAA

7D4EAA

FFFFFF

62368F

B481E2

481E75

D09BFF

2E045C

EDB6FF

170044

FFD2FF

00002D

FFEFFF

000117

000000

7D4EAA

7D4EAA

753DAA

855FAA

6C2CAA

8E70AA

641BAA

9681AA

5C0AAA

9E92AA

5700AA

A7A3AA

AFB4AA

B7C5AA

C0D6AA

C8E7AA

Harmonies

Analogous

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



0063C0



7D4EAA



A93782

Triad

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



7D4EAA



8F5700



007976

Complementary

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



7D4EAA



7BAA4E

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.



007745



7D4EAA



676800

Square

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



7D4EAA



AC4127



317214



0077A2

Rectangle

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



7D4EAA



B52F63



317214



007966

Sweetspot

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



7D4EAA



CCBADE



4E7CAA



665B70



F0F0F0



707070

Same Dimension

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



7D4EAA



974EDE



AA4EAA



504C54



4C0094



0A0014

Inverse Universe

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



AA4E7B



DE4E94



4EAA4E



544C50



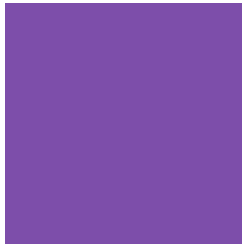
940048



14000A

Previews

White Background



This preview shows how the Hex color 7D4EAA looks on a white background.

Color Contrast Check

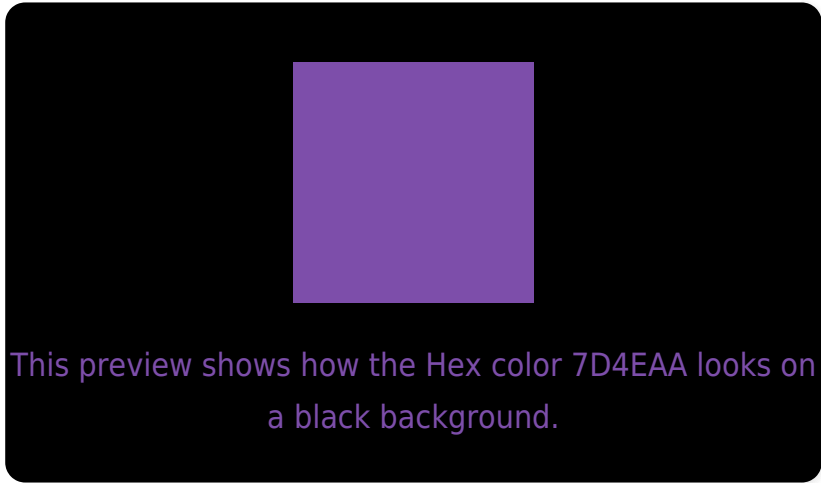
Large Text (above 18pt) WCAG AA ✓ Pass

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

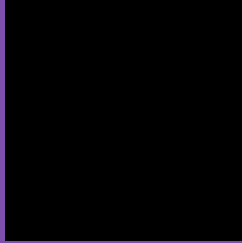
Any Text WCAG AA × Fail

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 7D4EAA Background



This preview shows how black text looks on a background with the Hex color 7D4EAA.

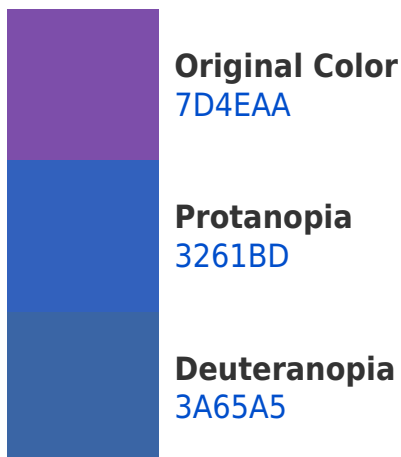


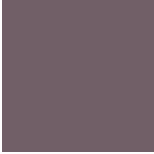
This preview shows how white text looks on a background with the Hex color 7D4EAA.

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](#).

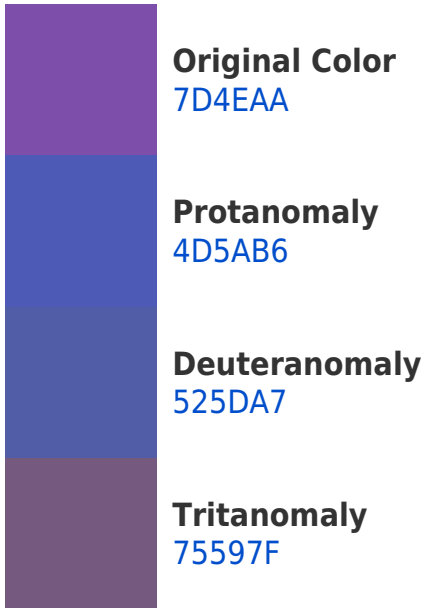
Dichromacy





Tritanopia
715F67

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7D4EAA 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 #7D4EAA looks like.

```
.text, #text, p{  
    color:#7D4EAA  
}
```

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 #7D4EAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D4EAA
}
```

Border

The CSS property to change the border of an element to Hex 7D4EAA is called "border". The border property can be set on classes, ids or directly on the HTML element.

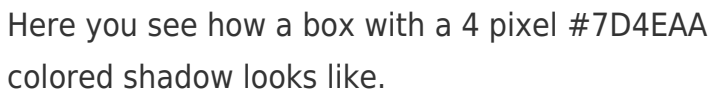
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D4EAA }
```

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

```
.border{ border-color:#7D4EAA }
```

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



Here you see how a box with a 4 pixel #7D4EAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D4EAA; -webkit-box-shadow:4px 4px  
4px 4px #7D4EAA; box-shadow:4px 4px 4px  
4px #7D4EAA }
```

Background

The CSS property to change the background color of an element to Hex 7D4EAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D4EAA }
```

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

```
.background{ background-color:#7D4EAA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor