

Converting Colors

Hex(7F4E9D)

Have a look what the booklet for
Hex(7F4E9D) contains.

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Color

Hex(7F4E9D)

Conversions

Conversions Part 1

Format	Color
Hex	7F4E9D
RGB	127, 78, 157
RGB Percent	50%, 31%, 62%
CMY	0.5020, 0.6941, 0.3843
CMYK	0.19, 0.50, 0.00, 0.38
HSL	277°, 34%, 46%
HSV	277°, 50%, 62%
XYZ	17.5626, 12.3951, 33.3651
YIQ	101.6570, 3.8450, 34.9570

Conversions

Conversions Part 2

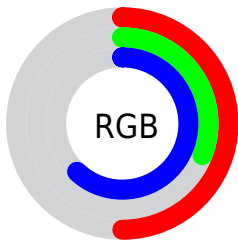
Format	Color
R_{YB}	127, 78, 157
Decimal	8343197
CIE _{Lab}	41.84, 35.49, -35.12
CIE _{LCh}	42, 49.926, 315.301
Yxy	12.3951, 0.2773, 0.1957
Android (android.graphics.Color)	4286533277 (0xFF7F4E9D)
YUV	101.6570, 27.2841, 22.2258
Hunter-Lab	35.2067, 27.4316, -31.5440

Details

The Hex color **7F4E9D** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **6C9D4E**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **B581D4**, and **4B1E69** is the 20% darker color. If you saturate the color by 10%, you get **793E9D**, and if you desaturate by 10%, it is **855E9D**.

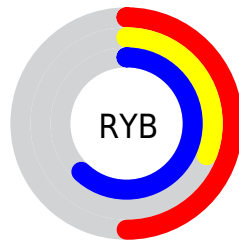
Distribution



Red (50%)

Green (31%)

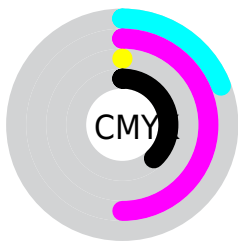
Blue (62%)



Red (50%)

Yellow (31%)

Blue (62%)

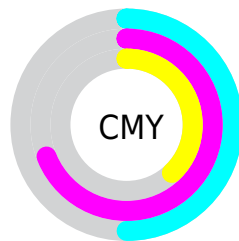


Cyan (19%)

Magenta (50%)

Yellow (0%)

Black (38%)



Cyan (50%)

Magenta (69%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F4E9D 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 7F4E9D by changing the saturation by 10% instead.

7F4E9D

7F4E9D

FFFFFF

653683

B581D4

4B1E69

D29BF1

320551

EEB6FF

1D0039

FFD2FF

000223

FFEFFF

000009

000000

7F4E9D

7F4E9D

793E9D

855E9D

 732F9D

 8B6D9D

 6D1F9D

 917D9D

 670F9D

 978D9D

 61009D

 9D9D9D

 A3AC9D

 A9BC9D

 AFCC9D

 B5DB9D

Harmonies

Analogous

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



3560B2



7F4E9D



A23D79

Triad

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



7F4E9D



875906



007677

Complementary

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



7F4E9D



6C9D4E

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.



00754C



7F4E9D



636700

Square

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



7F4E9D



A14829



327024



00749C

Rectangle

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



7F4E9D



AB395D



327024



007669

Sweetspot

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



7F4E9D



C0ADCC



4E6C9D



5F5466



E6E6E6



666666

Same Dimension

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



7F4E9D



9E52CC



9D4E94



4C474F



59008F



09000F

Inverse Universe

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



9D4E6C



CC5280



4E9D57



4F474A



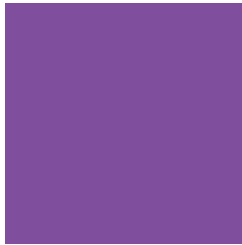
8F0036



0F0006

Previews

White Background



This preview shows how the Hex color 7F4E9D looks on a white background.

Color Contrast Check

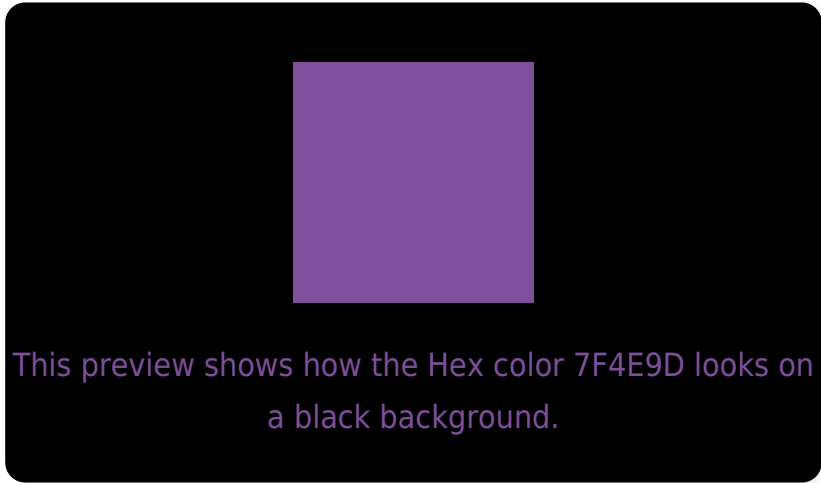
Large Text (above 18pt) WCAG AA ✓ Pass

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

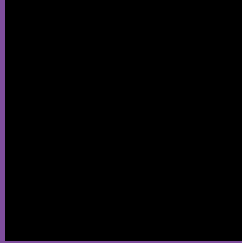
Any Text WCAG AA × Fail

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 7F4E9D Background



This preview shows how black text looks on a background with the Hex color 7F4E9D.

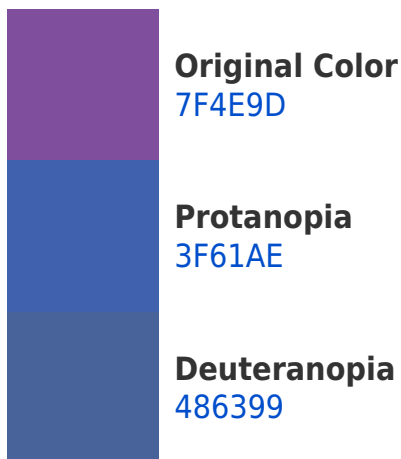



This preview shows how white text looks on a background with the Hex color 7F4E9D.

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
765C63

Trichromacy



Original Color
7F4E9D

Protanomaly
565AA8

Deuteranomaly
5C5B9A

Tritanomaly
795778

Monochromacy



Original Color
7F4E9D

Achromatopsia
666666

Achromatomaly
6F5D7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F4E9D 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 #7F4E9D looks like.

```
.text, #text, p{  
    color:#7F4E9D  
}
```

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 #7F4E9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F4E9D
}
```

Border

The CSS property to change the border of an element to Hex 7F4E9D is called "border". The border property can be set on classes, ids or directly on the HTML element.

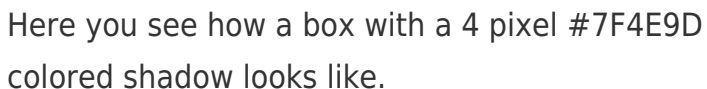
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F4E9D }
```

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

```
.border{ border-color:#7F4E9D }
```

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



Here you see how a box with a 4 pixel #7F4E9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F4E9D; -webkit-box-shadow:4px 4px  
4px 4px #7F4E9D; box-shadow:4px 4px 4px  
4px #7F4E9D }
```

Background

The CSS property to change the background color of an element to Hex 7F4E9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F4E9D }
```

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

```
.background{ background-color:#7F4E9D }
```

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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