

Converting Colors

Hex(7F4E9B)

Have a look what the booklet for
Hex(7F4E9B) contains.

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Color

Hex(7F4E9B)

Conversions

Conversions Part 1

Format	Color
Hex	7F4E9B
RGB	127, 78, 155
RGB Percent	50%, 31%, 61%
CMY	0.5020, 0.6941, 0.3922
CMYK	0.18, 0.50, 0.00, 0.39
HSL	278°, 33%, 46%
HSV	278°, 50%, 61%
XYZ	17.3932, 12.3274, 32.4730
YIQ	101.4290, 4.4870, 34.3350

Conversions

Conversions Part 2

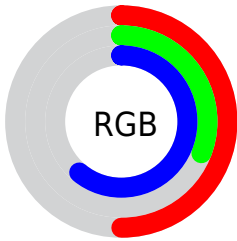
Format	Color
R_{YB}	127, 78, 155
Decimal	8343195
CIE _{Lab}	41.73, 35.02, -34.09
CIE _{LCh}	42, 48.873, 315.778
Yxy	12.3274, 0.2797, 0.1982
Android (android.graphics.Color)	4286533275 (0xFF7F4E9B)
YUV	101.4290, 26.4105, 22.4258
Hunter-Lab	35.1103, 26.9833, -30.2592

Details

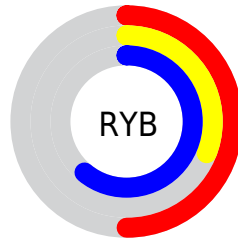
The Hex color **7F4E9B** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **6A9B4E**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **B581D2**, and **4B1E67** is the 20% darker color. If you saturate the color by 10%, you get **793F9B**, and if you desaturate by 10%, it is **855E9B**.

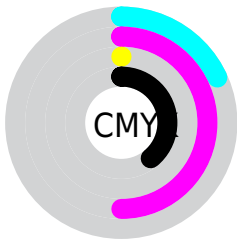
Distribution



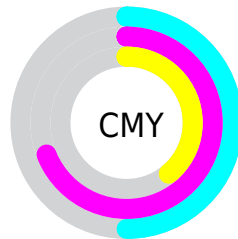
- Red (50%)
- Green (31%)
- Blue (61%)



- Red (50%)
- Yellow (31%)
- Blue (61%)



- Cyan (18%)
- Magenta (50%)
- Yellow (0%)
- Black (39%)



- Cyan (50%)
- Magenta (69%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F4E9B 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 7F4E9B by changing the saturation by 10% instead.

7F4E9B

7F4E9B

FFFFFF

653681

B581D2

4B1E67

D19BEE

33054F

EEB6FF

1E0038

FFD2FF

000221

FFEFFF

000006

000000

7F4E9B

7F4E9B

793F9B

855E9B

742F9B

8A6D9B

6E209B

907C9B

68109B

968C9B

63019B

9B9B9B

63009B

A1AB9B

A6BB9B

ACCA9B

B2DA9B

Harmonies

Analogous

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



3960B0



7F4E9B



A13E77

Triad

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



7F4E9B



865A09



007577

Complementary

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



7F4E9B



6A9B4E

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.



00744D



7F4E9B



626704

Square

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



7F4E9B



A0492A



327026



00739B

Rectangle

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



7F4E9B



AA3A5C



327026



007569

Sweetspot

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



7F4E9B



BEABC9



4E6A9B



5F5466



E6E6E6



666666

Same Dimension

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



7F4E9B



9D51C9



9B4E91



4A454D



59008C



08000D

Inverse Universe

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



9B4E6A



C9517D



4E9B58



4D4548



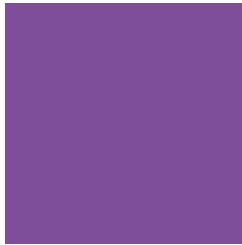
8C0033



0D0005

Previews

White Background



This preview shows how the Hex color 7F4E9B looks on a white background.

Color Contrast Check

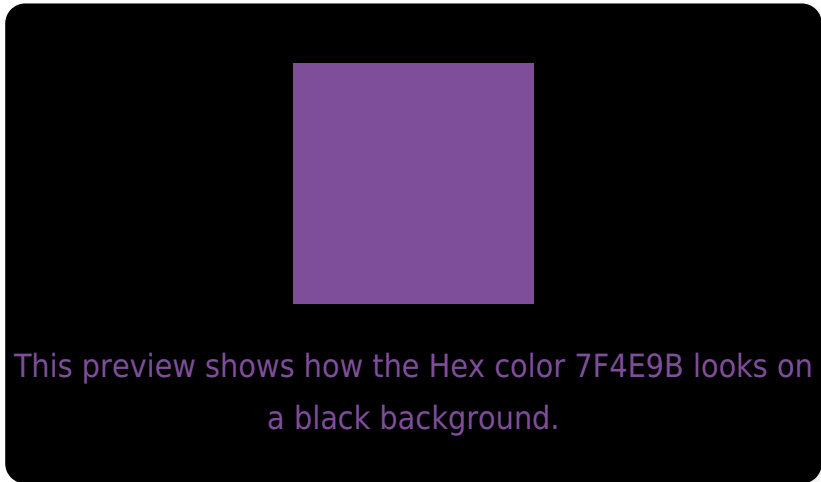
Large Text (above 18pt) WCAG AA ✓ Pass

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

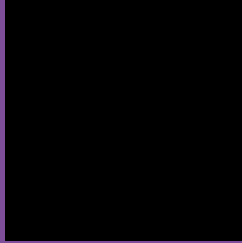
Any Text WCAG AA × Fail

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 7F4E9B Background



This preview shows how black text looks on a background with the Hex color 7F4E9B.

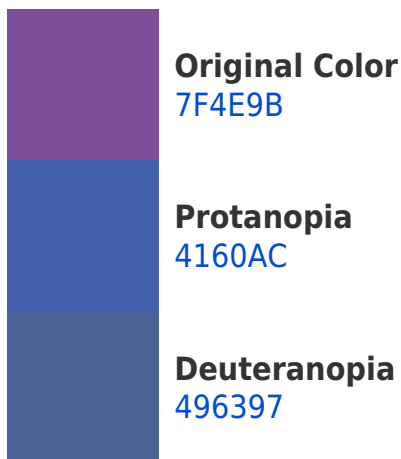


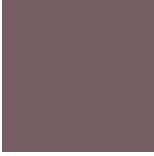
This preview shows how white text looks on a background with the Hex color 7F4E9B.

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



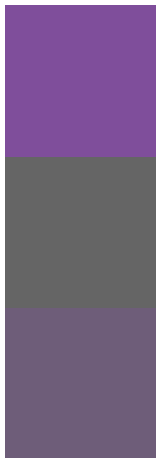
Original Color
7F4E9B

Protanomaly
5859A6

Deuteranomaly
5D5B98

Tritanomaly
795777

Monochromacy



Original Color
7F4E9B

Achromatopsia
656565

Achromatomaly
6E5D79

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F4E9B 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 #7F4E9B looks like.

```
.text, #text, p{  
    color:#7F4E9B  
}
```

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 #7F4E9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F4E9B
}
```

Border

The CSS property to change the border of an element to Hex 7F4E9B 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
#7F4E9B }
```

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

```
.border{ border-color:#7F4E9B }
```

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

Here you see how a box with a 4 pixel #7F4E9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F4E9B; -webkit-box-shadow:4px 4px  
4px 4px #7F4E9B; box-shadow:4px 4px 4px  
4px #7F4E9B }
```

Background

The CSS property to change the background color of an element to Hex 7F4E9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F4E9B }
```

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

```
.background{ background-color:#7F4E9B }
```

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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