

Converting Colors

Hex(7B5F9D)

Have a look what the booklet for
Hex(7B5F9D) contains.

Hex(7B5F9D)	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(7B5F9D)

Conversions

Conversions Part 1

Format	Color
Hex	7B5F9D
RGB	123, 95, 157
RGB Percent	48%, 37%, 62%
CMY	0.5176, 0.6275, 0.3843
CMYK	0.22, 0.39, 0.00, 0.38
HSL	267°, 25%, 49%
HSV	267°, 39%, 62%
XYZ	18.3464, 14.8297, 33.7937
YIQ	110.4400, -3.2140, 25.2180

Conversions

Conversions Part 2

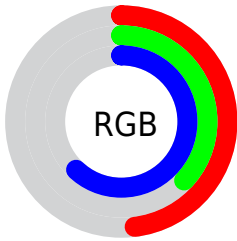
Format	Color
R_{YB}	123, 95, 157
Decimal	8085405
CIE _{Lab}	45.40, 24.31, -29.55
CIE _{LCh}	45, 38.262, 309.440
Yxy	14.8297, 0.2740, 0.2214
Android (android.graphics.Color)	4286275485 (0xFF7B5F9D)
YUV	110.4400, 22.9541, 11.0151
Hunter-Lab	38.5093, 17.6486, -25.0732

Details

The Hex color **7B5F9D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **819D5F**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B192D4**, and **493069** is the 20% darker color. If you saturate the color by 10%, you get **724F9D**, and if you desaturate by 10%, it is **846F9D**.

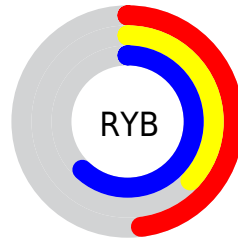
Distribution



Red (48%)

Green (37%)

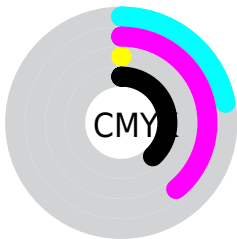
Blue (62%)



Red (48%)

Yellow (37%)

Blue (62%)

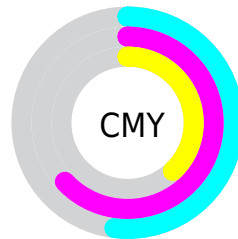


Cyan (22%)

Magenta (39%)

Yellow (0%)

Black (38%)



Cyan (52%)

Magenta (63%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B5F9D 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 7B5F9D by changing the saturation by 10% instead.

7B5F9D

7B5F9D

FFFFFF

614783

B192D4

493069

CCADF0

301A51

E9C8FF

19043A

FFE4FF

000023

00000B

000000

7B5F9D

7B5F9D

724F9D

846F9D

6A409D

8C7E9D

61309D

958E9D

59209D

9D9E9D

50119D

A6AD9D

47019D

AFBD9D

47009D

B7CD9D

C0DD9D

C8EC9D

Harmonies

Analogous

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



466BAA



7B5F9D



9A5483

Triad

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



7B5F9D



90622F



007C75

Complementary

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



7B5F9D



819D5F

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.



1F7A54



7B5F9D



746D29

Square

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



7B5F9D



A25644



527538



007A93

Rectangle

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



7B5F9D



A5506D



527538



007B6A

Sweetspot

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



7B5F9D



BFB4CC



5F819D



5E5866



E6E6E6



666666

Same Dimension

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



7B5F9D



976CCC



9A5F9D



4B474F



40008F



07000F

Inverse Universe

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



9D5F81



CC6CA1



629D5F



4F474B



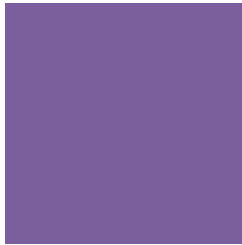
8F004E



0F0008

Previews

White Background



This preview shows how the Hex color 7B5F9D looks on a white background.

Color Contrast Check

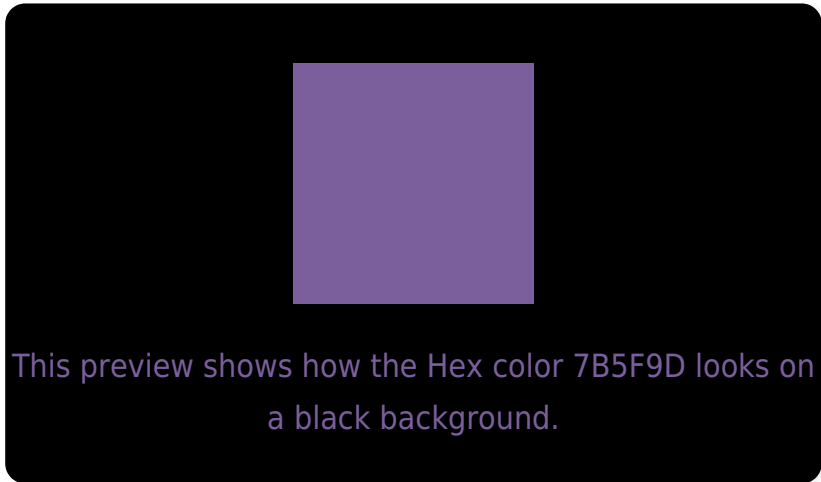
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B5F9D Background



This preview shows how black text looks on a background with the Hex color 7B5F9D.

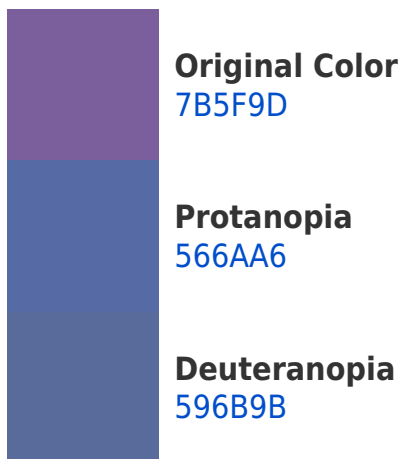



This preview shows how white text looks on a background with the Hex color 7B5F9D.

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](#).

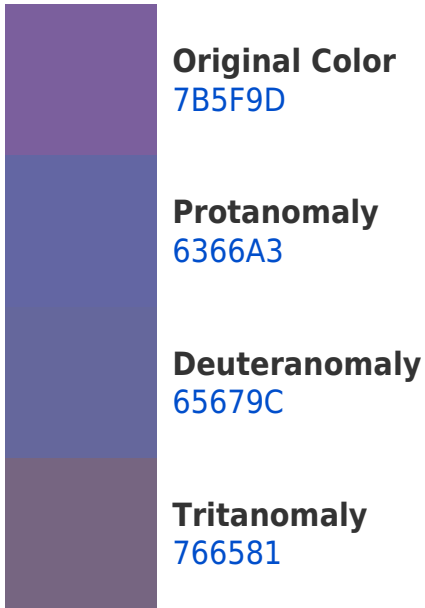
Dichromacy





Tritanopia
736871

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B5F9D 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 #7B5F9D looks like.

```
.text, #text, p{  
    color:#7B5F9D  
}
```

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 #7B5F9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B5F9D
}
```

Border

The CSS property to change the border of an element to Hex 7B5F9D is called "border". The border property can be set on classes, ids or directly on the HTML element.

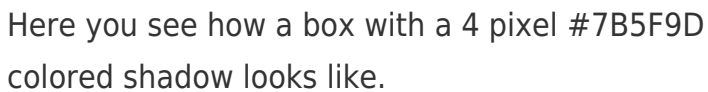
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B5F9D }
```

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

```
.border{ border-color:#7B5F9D }
```

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



Here you see how a box with a 4 pixel #7B5F9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B5F9D; -webkit-box-shadow:4px 4px  
4px 4px #7B5F9D; box-shadow:4px 4px 4px  
4px #7B5F9D }
```

Background

The CSS property to change the background color of an element to Hex 7B5F9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B5F9D }
```

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

```
.background{ background-color:#7B5F9D }
```

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