

# Converting Colors

Hex(7B318E)

Have a look what the booklet for  
Hex(7B318E) contains.

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**Color**

**Hex(7B318E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B318E
RGB	123, 49, 142
RGB Percent	48%, 19%, 56%
CMY	0.5176, 0.8078, 0.4431
CMYK	0.13, 0.65, 0.00, 0.44
HSL	288°, 49%, 37%
HSV	288°, 65%, 56%
XYZ	14.1492, 8.3606, 26.4592
YIQ	81.7280, 14.2510, 44.6110

# Conversions

## Conversions Part 2

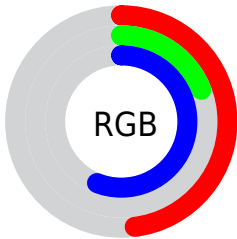
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 49, 142
Decimal	8073614
CIE <sub>Lab</sub>	34.72, 46.36, -37.35
CIE <sub>LCh</sub>	35, 59.536, 321.141
Yxy	8.3606, 0.2889, 0.1707
Android (android.graphics.Color)	4286263694 (0xFF7B318E)
YUV	81.7280, 29.7141, 36.1955
Hunter-Lab	28.9147, 36.7470, -34.0148

# Details

The Hex color **7B318E** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **448E31**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **B265C4**, and **47005B** is the 20% darker color. If you saturate the color by 10%, you get **78238E**, and if you desaturate by 10%, it is **7E3F8E**.

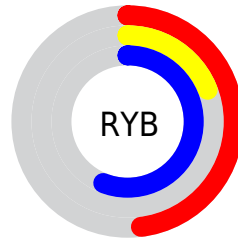
# Distribution



Red (48%)

Green (19%)

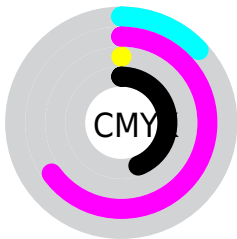
Blue (56%)



Red (48%)

Yellow (19%)

Blue (56%)

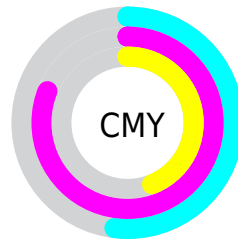


Cyan (13%)

Magenta (65%)

Yellow (0%)

Black (44%)



Cyan (52%)

Magenta (81%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B318E 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 7B318E by changing the saturation by 10% instead.



 7B318E

 7B318E

FFFFFF

 601574

 B265C4

 47005B

 CE7FE0

 2E0043

 EB9AFD

 14002C

 FFB5FF

 000116

 FFD1FF

 000000

 FFEEFF

 7B318E

 7B318E

 78238E

 7E3F8E

75158E

814D8E

72068E

845C8E

71008E

876A8E

8A788E

8C868E

8F948E

92A38E

95B18E

# Harmonies

## Analogous

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



204CAB



7B318E



9D0E62

# Triad

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



7B318E



704B00



006673

# Complementary

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



7B318E



448E31

# 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.



006542



7B318E



455900

# Square

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



7B318E



903300



00610B



00649C

# Rectangle

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



7B318E



A30942



00610B



006663



# Sweetspot

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



7B318E



B093B8



31458E



57465C



DBDBDB



5C5C5C



# Same Dimension

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



7B318E



9A27B8



8E3174



464047



6C0087



060008



# Inverse Universe

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



8E3144



B82744



318E4B



474042



87001C



080002



# Previews

## White Background



This preview shows how the Hex color 7B318E looks on a white background.

## Color Contrast Check

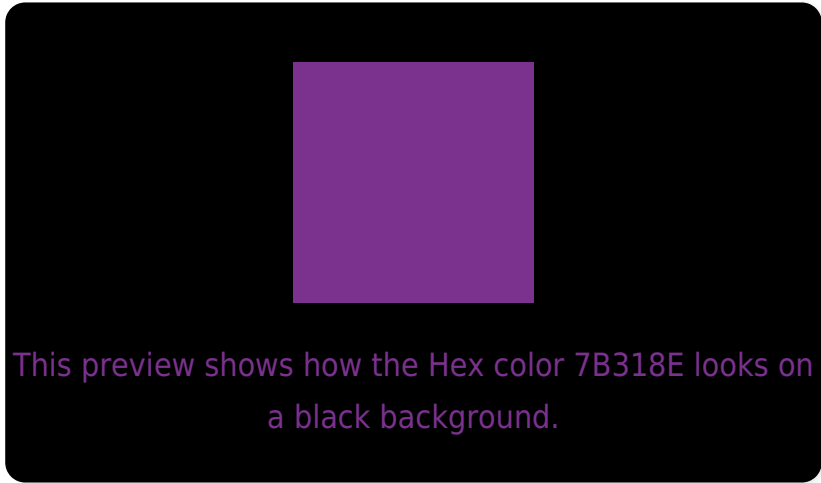
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

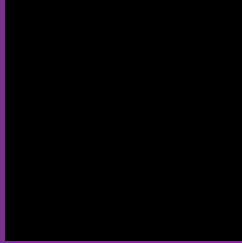
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B318E Background



This preview shows how black text looks on a background with the Hex color 7B318E.

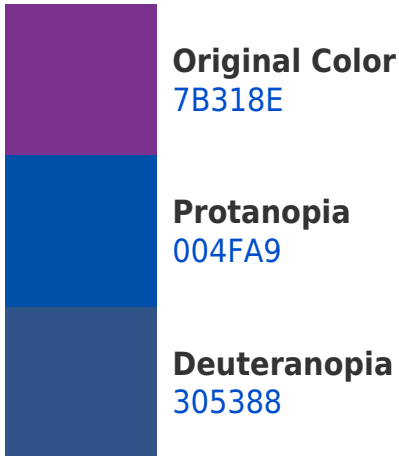


This preview shows how white text looks on a background with the Hex color 7B318E.

# 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](#).

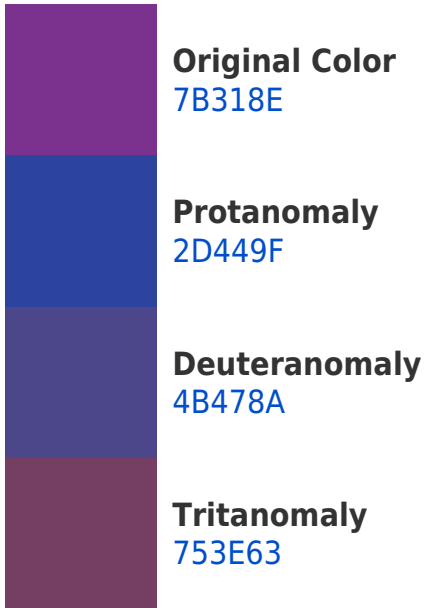
## Dichromacy



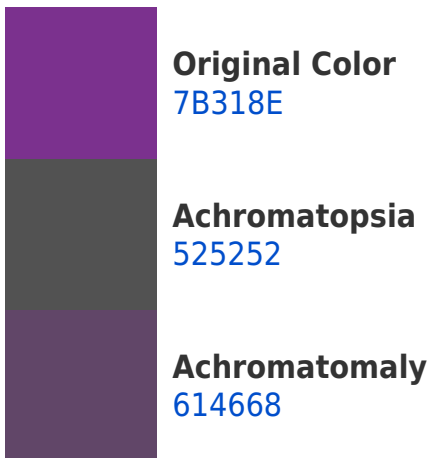


**Tritanopia**  
72464B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B318E 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 #7B318E looks like.

```
.text, #text, p{  
    color:#7B318E  
}
```

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 #7B318E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B318E
}
```

## Border

The CSS property to change the border of an element to Hex 7B318E is called "border". The border property can be set on classes, ids or directly on the HTML element.

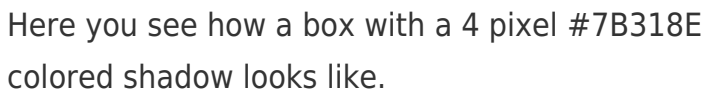
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B318E }
```

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

```
.border{ border-color:#7B318E }
```

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



Here you see how a box with a 4 pixel #7B318E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B318E; -webkit-box-shadow:4px 4px  
4px 4px #7B318E; box-shadow:4px 4px 4px  
4px #7B318E }
```

# Background

The CSS property to change the background color of an element to Hex 7B318E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B318E }
```

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

```
.background{ background-color:#7B318E }
```

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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