

# Converting Colors

Hex(7B5C8E)

Have a look what the booklet for  
Hex(7B5C8E) contains.

<b>Hex(7B5C8E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(7B5C8E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B5C8E
RGB	123, 92, 142
RGB Percent	48%, 36%, 56%
CMY	0.5176, 0.6392, 0.4431
CMYK	0.13, 0.35, 0.00, 0.44
HSL	277°, 21%, 46%
HSV	277°, 35%, 56%
XYZ	16.8780, 13.8182, 27.3688
YIQ	106.9690, 2.4260, 22.1220

# Conversions

## Conversions Part 2

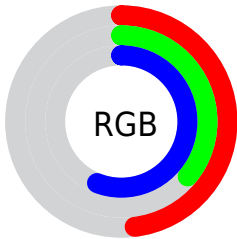
Format	Color
R <sub>Y</sub> B	123, 92, 142
Decimal	8084622
CIE Lab	43.97, 22.54, -22.82
CIE LCh	44, 32.077, 314.646
Yxy	13.8182, 0.2907, 0.2380
Android (android.graphics.Color)	4286274702 (0xFF7B5C8E)
YUV	106.9690, 17.2703, 14.0592
Hunter-Lab	37.1729, 15.9937, -17.6317

# Details

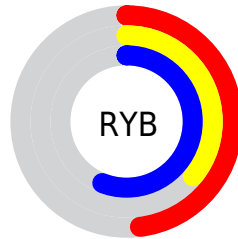
The Hex color **7B5C8E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6F8E5C**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **B08FC4**, and **492D5C** is the 20% darker color. If you saturate the color by 10%, you get **764E8E**, and if you desaturate by 10%, it is **806A8E**.

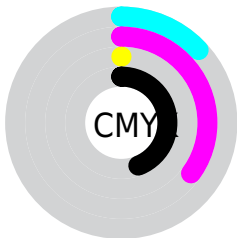
# Distribution



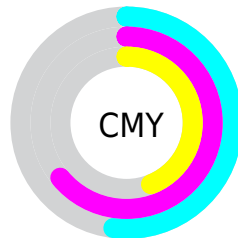
- Red (48%)
- Green (36%)
- Blue (56%)



- Red (48%)
- Yellow (36%)
- Blue (56%)



- Cyan (13%)
- Magenta (35%)
- Yellow (0%)
- Black (44%)



- Cyan (52%)
- Magenta (64%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B5C8E 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 7B5C8E by changing the saturation by 10% instead.



7B5C8E

7B5C8E

FFFFFF

624474

B08FC4

492D5C

CCA9E0

321844

E8C5FD

1D002D

FFE1FF

000118

FFFDFD

000000

7B5C8E

7B5C8E

764E8E

806A8E

70408E

86788E

6B318E

8B878E

65238E

91958E

60158E

96A38E

5B078E

9BB18E

58008E

A1BF8E

A6CE8E

ACDC8E

# Harmonies

## Analogous

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



54669B



7B5C8E



935477

# Triad

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



7B5C8E



846234



007675

# Complementary

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



7B5C8E



6F8E5C

# 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.



277559



7B5C8E



6C6B33

# Square

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



7B5C8E



955844



4E7141



00748D

# Rectangle

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



7B5C8E



9A5265



4E7141



00766B



# Sweetspot

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



7B5C8E



B0A3B8



5C6F8E



57505C



DBDBDB



5C5C5C



# Same Dimension

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



7B5C8E



9A6AB8



8E5C88



454047



540087



050008



# Inverse Universe

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



8E5C6F



B86A88



5C8E62



474043



870033

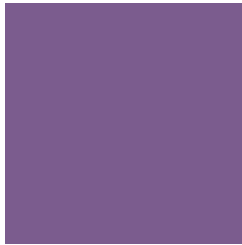


080003



# Previews

## White Background



This preview shows how the Hex color 7B5C8E looks on a white background.

## Color Contrast Check

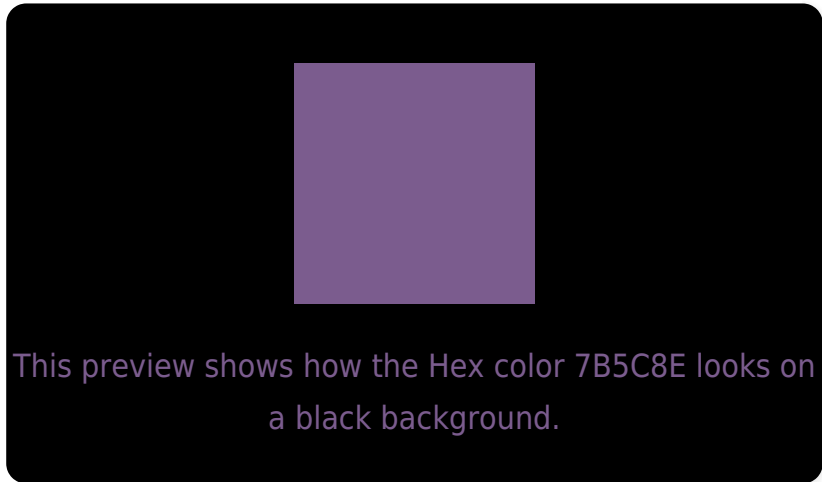
Large Text (above 18pt) WCAG AA ✓ Pass

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

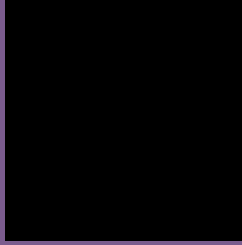
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B5C8E Background



This preview shows how black text looks on a background with the Hex color 7B5C8E.

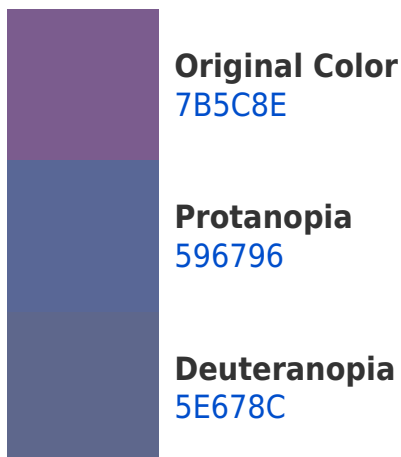


This preview shows how white text looks on a background with the Hex color 7B5C8E.

# 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](#).

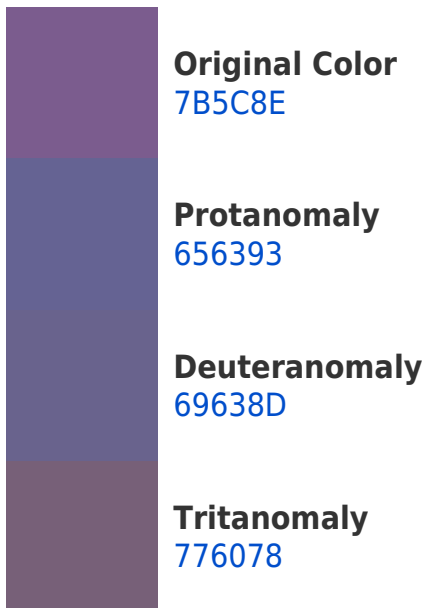
## Dichromacy



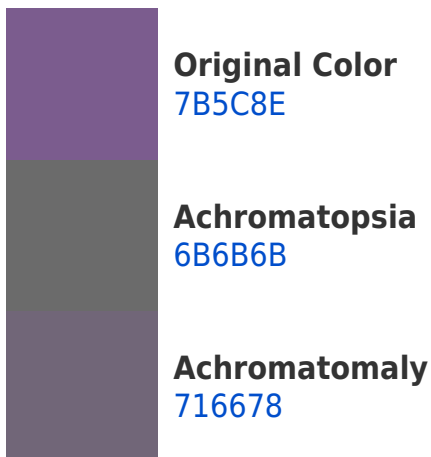


**Tritanopia**  
75636B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B5C8E 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 #7B5C8E looks like.

```
.text, #text, p{  
    color:#7B5C8E  
}
```

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 #7B5C8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B5C8E
}
```

## Border

The CSS property to change the border of an element to Hex 7B5C8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

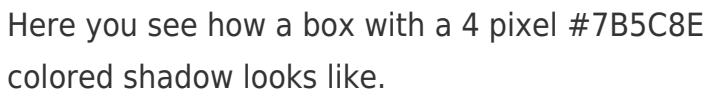
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B5C8E }
```

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

```
.border{ border-color:#7B5C8E }
```

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



Here you see how a box with a 4 pixel #7B5C8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B5C8E; -webkit-box-shadow:4px 4px  
4px 4px #7B5C8E; box-shadow:4px 4px 4px  
4px #7B5C8E }
```

# Background

The CSS property to change the background color of an element to Hex 7B5C8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B5C8E }
```

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

```
.background{ background-color:#7B5C8E }
```

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