

# Converting Colors

Hex(7B5E8C)

Have a look what the booklet for  
Hex(7B5E8C) contains.

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# Color

**Hex(7B5E8C)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 7B5E8C                    |
| RGB           | 123, 94, 140              |
| RGB Percent   | 48%, 37%, 55%             |
| CMY           | 0.5176, 0.6314, 0.4510    |
| CMYK          | 0.12, 0.33, 0.00, 0.45    |
| HSL           | 278°, 20%, 46%            |
| HSV           | 278°, 33%, 55%            |
| XYZ           | 16.9047, 14.1098, 26.6434 |
| YIQ           | 107.9150, 2.5180, 20.4540 |

# Conversions

## Conversions Part 2

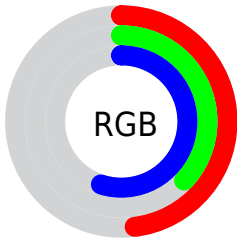
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 123, 94, 140                  |
| Decimal                             | 8085132                       |
| CIE Lab                             | 44.39, 20.88, -20.97          |
| CIE LCh                             | 44, 29.598, 314.876           |
| Yxy                                 | 14.1098, 0.2932,<br>0.2447    |
| Android<br>(android.graphics.Color) | 4286275212<br>(0xFF7B5E8C)    |
| YUV                                 | 107.9150, 15.8179,<br>13.2295 |
| Hunter-Lab                          | 37.5630, 14.5961,<br>-15.7602 |

# Details

The Hex color **7B5E8C** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6F8C5E**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B091C2**, and **492F5A** is the 20% darker color. If you saturate the color by 10%, you get **76508C**, and if you desaturate by 10%, it is **806C8C**.

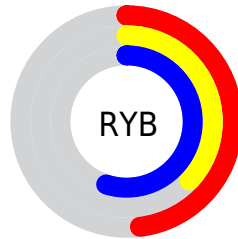
# Distribution



Red (48%)

Green (37%)

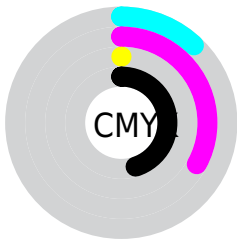
Blue (55%)



Red (48%)

Yellow (37%)

Blue (55%)

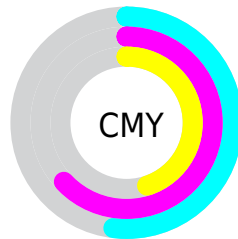


Cyan (12%)

Magenta (33%)

Yellow (0%)

Black (45%)



Cyan (52%)

Magenta (63%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B5E8C 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 7B5E8C by changing the saturation by 10% instead.



7B5E8C

7B5E8C

FFFFFF

624672

B091C2

492F5A

CCABDE

321A42

E8C7FA

1D022C

FFE3FF

000117

000000

7B5E8C

7B5E8C

76508C

806C8C

71428C

857A8C

6B348C

8B888C

66268C

90968C

61188C

95A48C

5C0A8C

9AB28C

58008C

9FC08C

A4CE8C

AADC8C

# Harmonies

## Analogous

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



586798



7B5E8C



915776

# Triad

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



7B5E8C



836339



007675

# Complementary

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



7B5E8C



6F8C5E

# 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.



2F755B



7B5E8C



6D6B38

# Square

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



7B5E8C



935B47



517245



00748B

# Rectangle

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



7B5E8C



975566



517245



0C766C



# Sweetspot

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



7B5E8C



AEA3B5



5E708C



58515C



DBDBDB



5C5C5C



# Same Dimension

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



7B5E8C



9B6EB5



8C5E87



423E45



540085



030005



# Inverse Universe

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



8C5E6F



B56E89



5E8C63



453E41



850031

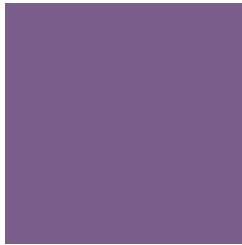


050002



# Previews

## White Background



This preview shows how the Hex color 7B5E8C 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

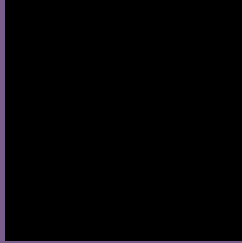
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B5E8C Background



This preview shows how black text looks on a background with the Hex color 7B5E8C.

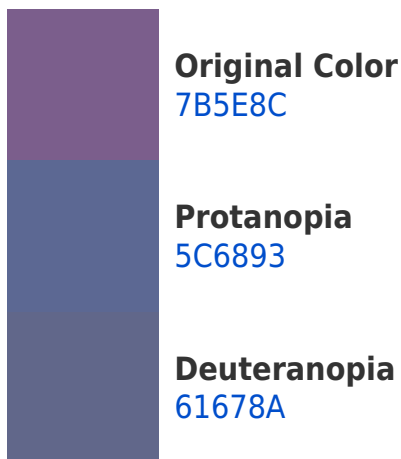



This preview shows how white text looks on a background with the Hex color 7B5E8C.

# 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**  
76646C

# Trichromacy



**Original Color**  
7B5E8C

**Protanomaly**  
676490

**Deuteranomaly**  
6A648B

**Tritanomaly**  
786278

# Monochromacy



**Original Color**  
7B5E8C

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
716778

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B5E8C 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 #7B5E8C looks like.

```
.text, #text, p{  
    color:#7B5E8C  
}
```

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 #7B5E8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B5E8C
}
```

## Border

The CSS property to change the border of an element to Hex 7B5E8C 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
#7B5E8C }
```

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

```
.border{ border-color:#7B5E8C }
```

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

Here you see how a box with a 4 pixel #7B5E8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B5E8C; -webkit-box-shadow:4px 4px  
4px 4px #7B5E8C; box-shadow:4px 4px 4px  
4px #7B5E8C }
```

# Background

The CSS property to change the background color of an element to Hex 7B5E8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B5E8C }
```

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

```
.background{ background-color:#7B5E8C }
```

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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