

# Converting Colors

Hex(7B5A84)

Have a look what the booklet for  
Hex(7B5A84) contains.

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# Color

**Hex(7B5A84)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B5A84
RGB	123, 90, 132
RGB Percent	48%, 35%, 52%
CMY	0.5176, 0.6471, 0.4824
CMYK	0.07, 0.32, 0.00, 0.48
HSL	287°, 19%, 44%
HSV	287°, 32%, 52%
XYZ	15.9894, 13.1892, 23.5328
YIQ	104.6550, 6.1860, 20.0580

# Conversions

## Conversions Part 2

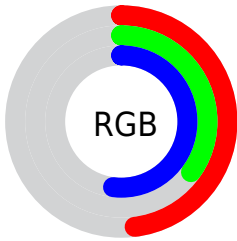
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 90, 132
Decimal	8084100
CIE Lab	43.05, 21.50, -18.22
CIE LCh	43, 28.184, 319.727
Yxy	13.1892, 0.3033, 0.2502
Android (android.graphics.Color)	4286274180 (0xFF7B5A84)
YUV	104.6550, 13.4811, 16.0886
Hunter-Lab	36.3170, 15.0341, -12.9971

# Details

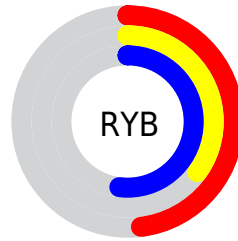
The Hex color **7B5A84** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **63845A**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **B08CB9**, and **492C52** is the 20% darker color. If you saturate the color by 10%, you get **784D84**, and if you desaturate by 10%, it is **7E6784**.

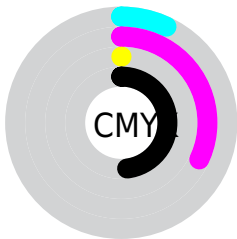
# Distribution



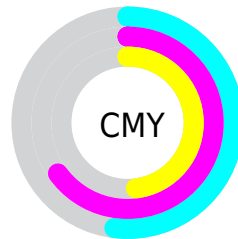
- Red (48%)
- Green (35%)
- Blue (52%)



- Red (48%)
- Yellow (35%)
- Blue (52%)



- Cyan (7%)
- Magenta (32%)
- Yellow (0%)
- Black (48%)



- Cyan (52%)
- Magenta (65%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B5A84 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 7B5A84 by changing the saturation by 10% instead.





7B5A84



7B5A84

FFFFFF



62426B



B08CB9



492C52



CCA7D5



32163B



E8C2F1



1E0025



FFDEFF



00010F



FFFBFF



000000



7B5A84



7B5A84



784D84



7E6784



754084



817484

733284

838284

702584

868F84

6D1884

899C84

6A0B84

8CA984

680084

8FB684

92C484

94D184

# Harmonies

## Analogous

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



5C6391



7B5A84



8E546F

# Triad

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



7B5A84



7C6238



007275

# Complementary

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



7B5A84



63845A

# 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.



2A715D



7B5A84



656939

# Square

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



7B5A84



8C5943



4A6F47



007089

# Rectangle

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



7B5A84



92535F



4A6F47



08726D



# Sweetspot

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



7B5A84



A79AAB



5A6384



544C57



D6D6D6



575757



# Same Dimension

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



7B5A84



9D6AAB



845A78



413C42



660082



020003



# Inverse Universe

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



845A63



AB6A78



5A8466



423C3D



82001C

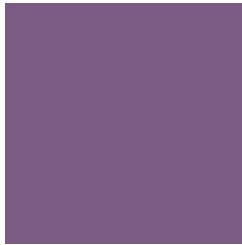


030001



# Previews

## White Background



This preview shows how the Hex color 7B5A84 looks on a white background.

## Color Contrast Check

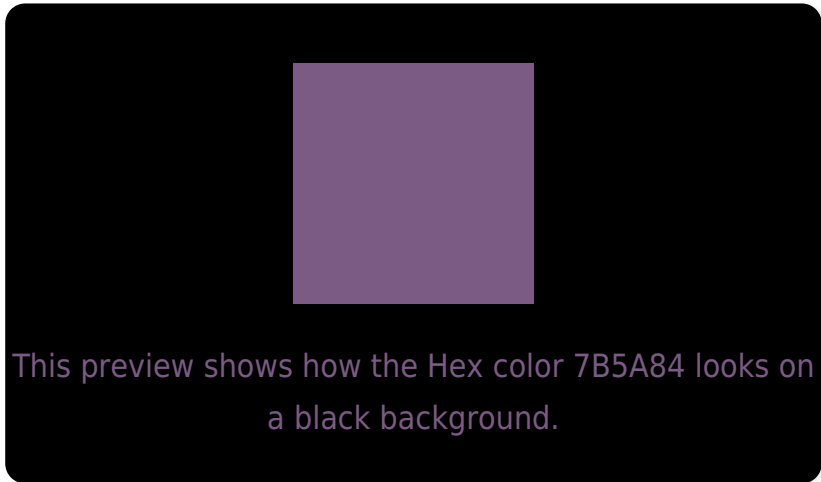
Large Text (above 18pt) WCAG AA ✓ Pass

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

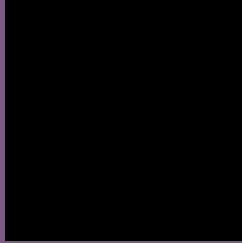
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B5A84 Background



This preview shows how black text looks on a background with the Hex color 7B5A84.



This preview shows how white text looks on a background with the Hex color 7B5A84.

# 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



**Original Color**  
7B5A84

**Protanopia**  
5A658C

**Deuteranopia**  
616482



**Tritanopia**  
776067

# Trichromacy



**Original Color**  
7B5A84

**Protanomaly**  
666189

**Deuteranomaly**  
6A6083

**Tritanomaly**  
785E72

# Monochromacy



**Original Color**  
7B5A84

**Achromatopsia**  
696969

**Achromatomaly**  
706473

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B5A84 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 #7B5A84 looks like.

```
.text, #text, p{  
    color:#7B5A84  
}
```

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 #7B5A84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B5A84
}
```

## Border

The CSS property to change the border of an element to Hex 7B5A84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

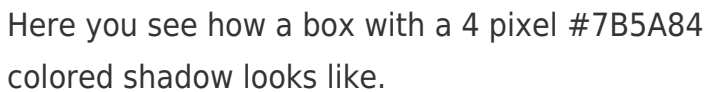
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B5A84 }
```

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

```
.border{ border-color:#7B5A84 }
```

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



Here you see how a box with a 4 pixel #7B5A84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B5A84; -webkit-box-shadow:4px 4px  
4px 4px #7B5A84; box-shadow:4px 4px 4px  
4px #7B5A84 }
```

# Background

The CSS property to change the background color of an element to Hex 7B5A84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B5A84 }
```

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

```
.background{ background-color:#7B5A84 }
```

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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