

Converting Colors

Hex(7B7985)

Have a look what the booklet for
Hex(7B7985) contains.

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Color

Hex(7B7985)

Conversions

Conversions Part 1

Format	Color
Hex	7B7985
RGB	123, 121, 133
RGB Percent	48%, 47%, 52%
CMY	0.5176, 0.5255, 0.4784
CMYK	0.08, 0.09, 0.00, 0.48
HSL	250°, 5%, 50%
HSV	250°, 9%, 52%
XYZ	19.2394, 19.5792, 24.9554
YIQ	122.9660, -2.6600, 4.1560

Conversions

Conversions Part 2

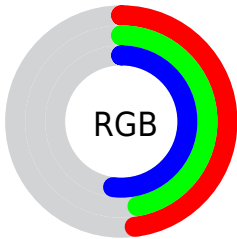
Format	Color
R_{YB}	123, 121, 133
Decimal	8092037
CIE Lab	51.36, 3.24, -6.26
CIE LCh	51, 7.050, 297.362
Yxy	19.5792, 0.3017, 0.3070
Android (android.graphics.Color)	4286282117 (0xFF7B7985)
YUV	122.9660, 4.9468, 0.0298
Hunter-Lab	44.2483, 0.1781, -2.4649

Details

The Hex color **7B7985** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **838579**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **AFADBA**, and **4A4954** is the 20% darker color. If you saturate the color by 10%, you get **706C85**, and if you desaturate by 10%, it is **868685**.

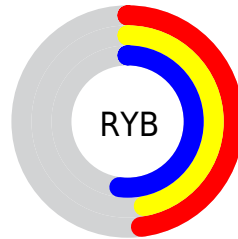
Distribution



Red (48%)

Green (47%)

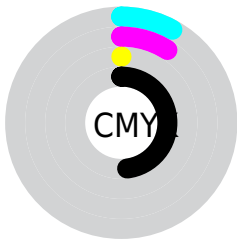
Blue (52%)



Red (48%)

Yellow (47%)

Blue (52%)

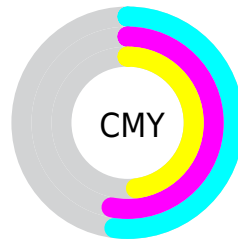


Cyan (8%)

Magenta (9%)

Yellow (0%)

Black (48%)



Cyan (52%)

Magenta (53%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B7985 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 7B7985 by changing the saturation by 10% instead.

■ 7B7985

■ 7B7985

FFFFFF

■ 62606C

■ AFADBA

■ 4A4954

■ CBC9D6

■ 34323C

■ E7E5F2

■ 1E1D27

■ 060312

■ 000000

■ 7B7985

■ 7B7985

■ 706C85

■ 868685

■ 655E85

■ 919485

■ 5A5185

■ 9CA185

■ 4F4485

■ A7AE85

■ 443685

■ B2BB85

■ 392985

■ BDC985

■ 2D1C85

■ C9D685

■ 220F85

■ D4E385

■ 170185

■ DFF185

Harmonies

Analogous

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



747B86



7B7985



827781

Triad

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



7B7985



857870



6D7E7A

Complementary

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



7B7985



838579

Split Complementary

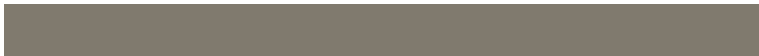
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



727D74



7B7985



807A6E

Square

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



7B7985



887775



797C70



6B7E80

Rectangle

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



7B7985



85777D



797C70



6F7E78

Sweetspot

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



7B7985



A9A8AD



798385



545357



D6D6D6



575757

Same Dimension

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



7B7985



9E9AAD



817985



3D3C42



160082



000003

Inverse Universe

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



857983



AD9AAA



7D8579



423C41



82006C



030002

Previews

White Background



This preview shows how the Hex color 7B7985 looks on a white background.

Color Contrast Check

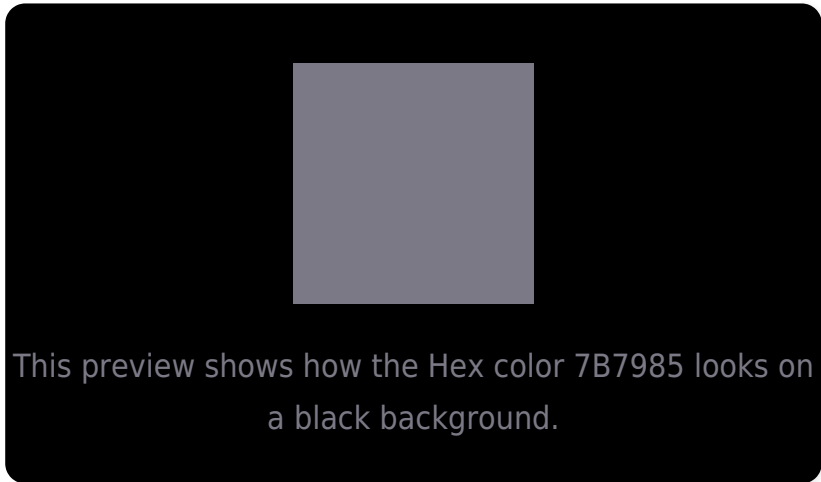
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

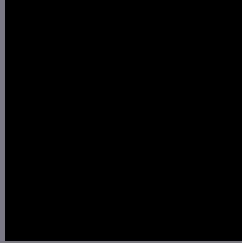
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

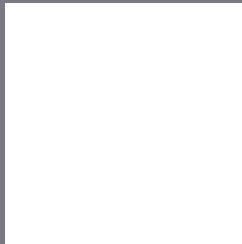
Any Text WCAG AAA × Fail

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

Hex 7B7985 Background



This preview shows how black text looks on a background with the Hex color 7B7985.



This preview shows how white text looks on a background with the Hex color 7B7985.

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
7B7985

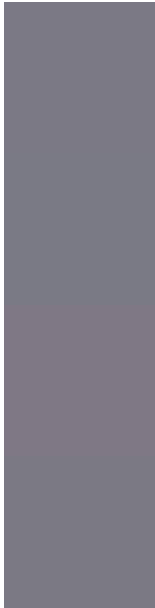
Protanopia
797A85

Deuteranopia
817785



Tritanopia
7B7983

Trichromacy



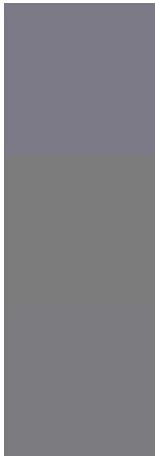
Original Color
7B7985

Protanomaly
7A7A85

Deuteranomaly
7F7885

Tritanomaly
7B7984

Monochromacy



Original Color
7B7985

Achromatopsia
7B7B7B

Achromatomaly
7B7A7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7985 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 #7B7985 looks like.

```
.text, #text, p{  
    color:#7B7985  
}
```

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 #7B7985 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7985
}
```

Border

The CSS property to change the border of an element to Hex 7B7985 is called "border". The border property can be set on classes, ids or directly on the HTML element.

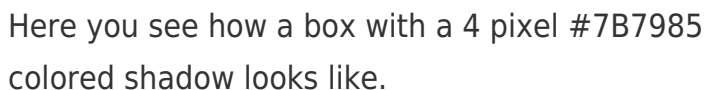
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B7985 }
```

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

```
.border{ border-color:#7B7985 }
```

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



Here you see how a box with a 4 pixel #7B7985 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7985; -webkit-box-shadow:4px 4px  
4px 4px #7B7985; box-shadow:4px 4px 4px  
4px #7B7985 }
```

Background

The CSS property to change the background color of an element to Hex 7B7985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7985 }
```

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

```
.background{ background-color:#7B7985 }
```

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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