

# Converting Colors

Hex(7B7D79)

Have a look what the booklet for  
Hex(7B7D79) contains.

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# Color

Hex(7B7D79)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B7D79
RGB	123, 125, 121
RGB Percent	48%, 49%, 47%
CMY	0.5176, 0.5098, 0.5255
CMYK	0.02, 0.00, 0.03, 0.51
HSL	90°, 2%, 48%
HSV	90°, 3%, 49%
XYZ	18.9532, 20.2587, 21.0005
YIQ	123.9460, 0.0920, -1.6680

# Conversions

## Conversions Part 2

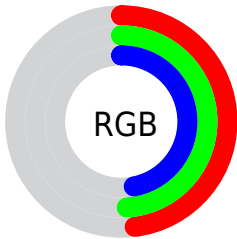
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 125, 123
Decimal	8093049
CIE Lab	52.13, -1.54, 1.91
CIE LCh	52, 2.454, 128.970
Yxy	20.2587, 0.3148, 0.3365
Android (android.graphics.Color)	4286283129 (0xFF7B7D79)
YUV	123.9460, -1.4524, -0.8296
Hunter-Lab	45.0096, -3.6019, 3.8433

# Details

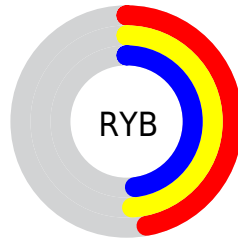
The Hex color **7B7D79** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7B797D**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **AFB2AD**, and **4A4C49** is the 20% darker color. If you saturate the color by 10%, you get **757D6D**, and if you desaturate by 10%, it is **817D86**.

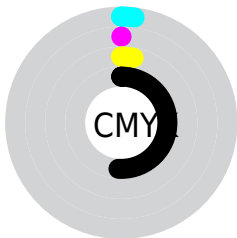
# Distribution



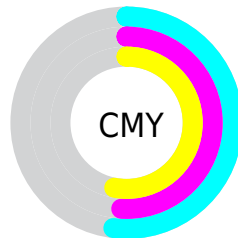
- Red (48%)
- Green (49%)
- Blue (47%)



- Red (47%)
- Yellow (49%)
- Blue (48%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (51%)



- Cyan (52%)
- Magenta (51%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B7D79 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 7B7D79 by changing the saturation by 10% instead.



■ 7B7D79

■ 7B7D79

FFFFFF

■ 626460

■ AFB2AD

■ 4A4C49

■ CBCDC9

■ 343632

■ E7E9E5

■ 1F201D

■ 060903

■ 000000

■ 7B7D79

■ 7B7D79

■ 757D6D

■ 817D86

■ 6F7D60

■ 877D92

■ 687D53

■ 8E7D9F

■ 627D47

■ 947DAB

■ 5C7D3B

■ 9A7DB8

■ 567D2E

■ A07DC4

■ 4F7D22

■ A77DD1

■ 497D15

■ AD7DDD

■ 437D08

■ B37DE9

# Harmonies

## Analogous

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



7D7C78



7B7D79



797D7B

# Triad

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



7B7D79



797D80



817B7C

# Complementary

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



7B7D79



7B797D

# 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.



807B7E



7B7D79



7B7C80

# Square

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



7B7D79



777D7F



7E7C80



817B7A

# Rectangle

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



7B7D79



787E7C



7E7C80



817B7C



# Sweetspot

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



7B7D79



A2A3A2



7D7B79



515251



D1D1D1



525252



# Same Dimension

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



7B7D79



A0A39D



797D79



3E403D



408000



000000



# Inverse Universe

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



7B797D



A09DA3



7D797D



3E3D40



400080



000000



# Previews

## White Background



This preview shows how the Hex color 7B7D79 looks on a white background.

## Color Contrast Check

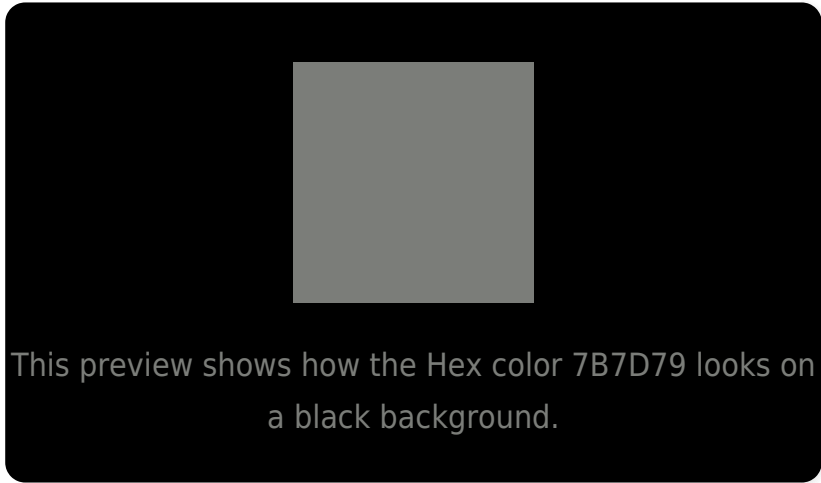
Large Text (above 18pt) WCAG AA ✓ Pass

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

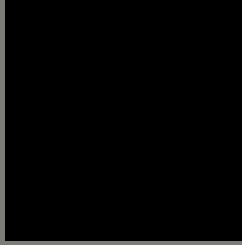
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

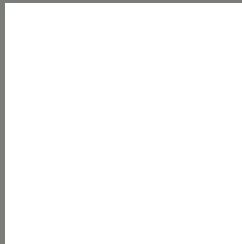
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B7D79 Background



This preview shows how black text looks on a background with the Hex color 7B7D79.



This preview shows how white text looks on a background with the Hex color 7B7D79.

# 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**

7B7D79

**Protanopia**

7F7C78

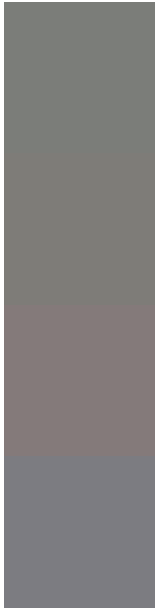
**Deuteranopia**

89787A



**Tritanopia**  
7D7B85

# Trichromacy



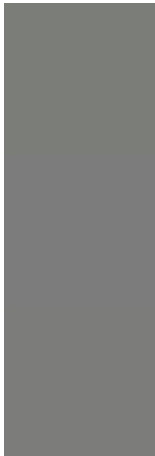
**Original Color**  
7B7D79

**Protanomaly**  
7E7C78

**Deuteranomaly**  
847A7A

**Tritanomaly**  
7C7C81

# Monochromacy



**Original Color**  
7B7D79

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
7C7C7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B7D79 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 #7B7D79 looks like.

```
.text, #text, p{  
    color:#7B7D79  
}
```

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 #7B7D79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7D79
}
```

## Border

The CSS property to change the border of an element to Hex 7B7D79 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
#7B7D79 }
```

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

```
.border{ border-color:#7B7D79 }
```

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

Here you see how a box with a 4 pixel #7B7D79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7D79; -webkit-box-shadow:4px 4px  
4px 4px #7B7D79; box-shadow:4px 4px 4px  
4px #7B7D79 }
```

# Background

The CSS property to change the background color of an element to Hex 7B7D79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7D79 }
```

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

```
.background{ background-color:#7B7D79 }
```

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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