

# Converting Colors

Hex(7D797A)

Have a look what the booklet for  
Hex(7D797A) contains.

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# Color

Hex(7D797A)

# Conversions

## Conversions Part 1

Format	Color
Hex	7D797A
RGB	125, 121, 122
RGB Percent	49%, 47%, 48%
CMY	0.5098, 0.5255, 0.5216
CMYK	0.00, 0.03, 0.02, 0.51
HSL	345°, 2%, 48%
HSV	345°, 3%, 49%
XYZ	18.8077, 19.4399, 21.1734
YIQ	122.3100, 2.0630, 1.1590

# Conversions

## Conversions Part 2

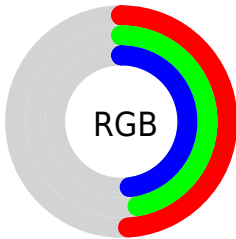
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 121, 122
Decimal	8223098
CIE Lab	51.20, 1.72, -0.01
CIE LCh	51, 1.718, 359.595
Yxy	19.4399, 0.3165, 0.3272
Android (android.graphics.Color)	4286413178 (0xFF7D797A)
YUV	122.3100, -0.1528, 2.3591
Hunter-Lab	44.0907, -1.0162, 2.3910

# Details

The Hex color **7D797A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **797D7C**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **B2ADAE**, and **4C4949** is the 20% darker color. If you saturate the color by 10%, you get **7D6D71**, and if you desaturate by 10%, it is **7D8683**.

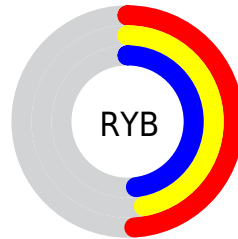
# Distribution



Red (49%)

Green (47%)

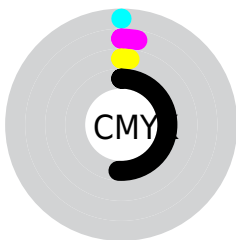
Blue (48%)



Red (49%)

Yellow (47%)

Blue (48%)

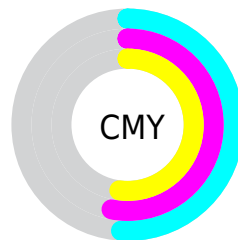


Cyan (0%)

Magenta (3%)

Yellow (2%)

Black (51%)



Cyan (51%)

Magenta (53%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D797A 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 7D797A by changing the saturation by 10% instead.





7D797A



7D797A

FFFFFF



646061



B2ADAE



4C4949



CDC9CA



363233



E9E5E6



201D1E



090304



000000



7D797A



7D797A



7D6D71



7D8683



7D6067



7D928D

 7D535E

 7D9F96

 7D4755

 7DAB9F

 7D3B4B

 7DB8A9

 7D2E42

 7DC4B2

 7D2238

 7DD1BC

 7D152F

 7DDDC5

 7D0826

 7DE9CE

# Harmonies

## Analogous

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



7C797B



7D797A



7D7979

# Triad

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



7D797A



7A7A77



777B7C

# Complementary

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



7D797A



797D7C

# 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.



777B7B



7D797A



787B78

# Square

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



7D797A



7B7A77



777B7A



797A7D

# Rectangle

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



7D797A



7D7978



777B7A



777B7C



# Sweetspot

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



7D797A



A3A2A2



7C797D



525151



D1D1D1



525252



# Same Dimension

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



7D797A



A39D9E



7D7A79



403D3D



800020



000000



# Inverse Universe

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



7D797A



A39D9E



797C7D



403D3D



800020



000000



# Previews

## White Background



This preview shows how the Hex color 7D797A looks on a white background.

## Color Contrast Check

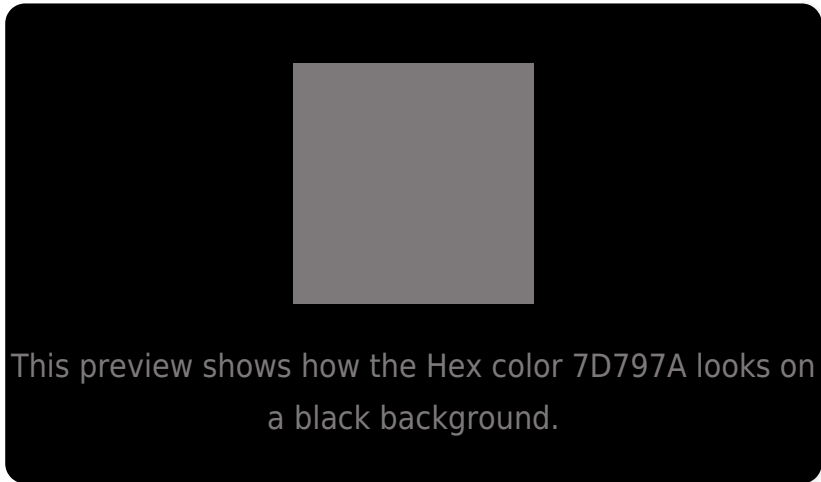
Large Text (above 18pt) WCAG AA ✓ Pass

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

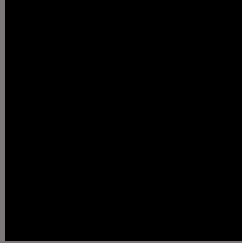
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

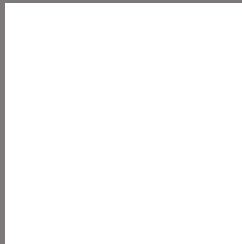
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7D797A Background



This preview shows how black text looks on a background with the Hex color 7D797A.



This preview shows how white text looks on a background with the Hex color 7D797A.

# 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**

7D797A

**Protanopia**

7C797A

**Deuteranopia**

85767B



**Tritanopia**  
7E7881

# Trichromacy



**Original Color**

7D797A

**Protanomaly**

7C797A

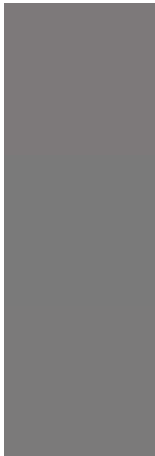
**Deuteranomaly**

82777B

**Tritanomaly**

7E787E

# Monochromacy



**Original Color**

7D797A

**Achromatopsia**

7A7A7A

**Achromatomaly**

7B7A7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D797A 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 #7D797A looks like.

```
.text, #text, p{  
    color:#7D797A  
}
```

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 #7D797A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D797A
}
```

## Border

The CSS property to change the border of an element to Hex 7D797A 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
#7D797A }
```

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

```
.border{ border-color:#7D797A }
```

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

Here you see how a box with a 4 pixel #7D797A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D797A; -webkit-box-shadow:4px 4px  
4px 4px #7D797A; box-shadow:4px 4px 4px  
4px #7D797A }
```

# Background

The CSS property to change the background color of an element to Hex 7D797A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D797A }
```

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

```
.background{ background-color:#7D797A }
```

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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