

# Converting Colors

Hex(797A79)

Have a look what the booklet for  
Hex(797A79) contains.

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# Color

Hex(797A79)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	797A79
RGB	121, 122, 121
RGB Percent	47%, 48%, 47%
CMY	0.5255, 0.5216, 0.5255
CMYK	0.01, 0.00, 0.01, 0.52
HSL	120°, 0%, 48%
HSV	120°, 1%, 48%
XYZ	18.2959, 19.3645, 20.8626
YIQ	121.5870, -0.2750, -0.5230

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 122, 122
Decimal	7961209
CIE <sub>Lab</sub>	51.11, -0.57, 0.41
CIE <sub>LCh</sub>	51, 0.705, 144.653
Yxy	19.3645, 0.3126, 0.3309
Android (android.graphics.Color)	4286151289 (0xFF797A79)
YUV	121.5870, -0.2894, -0.5148
Hunter-Lab	44.0051, -2.7945, 2.6945

# Details

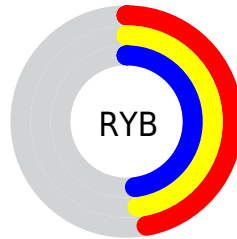
The Hex color **797A79** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A797A**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **ADAEAD**, and **494949** is the 20% darker color. If you saturate the color by 10%, you get **6D7A6D**, and if you desaturate by 10%, it is **857A85**.

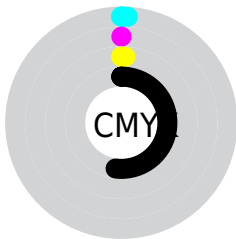
# Distribution



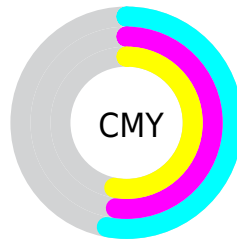
- Red (47%)
- Green (48%)
- Blue (47%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (52%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 797A79 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 797A79 by changing the saturation by 10% instead.





797A79



797A79

FFFFFF



606160



ADAEAD



494949



C9CAC9



323332



E5E6E5



1D1E1D



030403



000000



797A79



797A79



6D7A6D



857A85



617A61



917A91

■ 547A54

■ 9E7A9E

■ 487A48

■ AA7AAA

■ 3C7A3C

■ B67AB6

■ 307A30

■ C27AC2

■ 247A24

■ CE7ACE

■ 177A17

■ DB7ADB

■ 0B7A0B

■ E77AE7

# Harmonies

## Analogous

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



7A7A79



797A79



787A7A

# Triad

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



797A79



797A7B



7B7979

# Complementary

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



797A79



7A797A

# 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.



7B797A



797A79



7A7A7B

# Square

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



797A79



797A7B



7A797A



7B7979

# Rectangle

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



797A79



787A7A



7A797A



7B7979



# Sweetspot

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



797A79



9E9E9E



7A7A79



4F4F4F



CFCFCF

# Same Dimension

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



797A79



9D9E9D



797A7A



3D3D3D



007D00



00FC00



# Inverse Universe

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



7A797A



9E9D9E



3D3D3D



7D007D



FC00FC

# Previews

## White Background



This preview shows how the Hex color 797A79 looks on a white background.

## Color Contrast Check

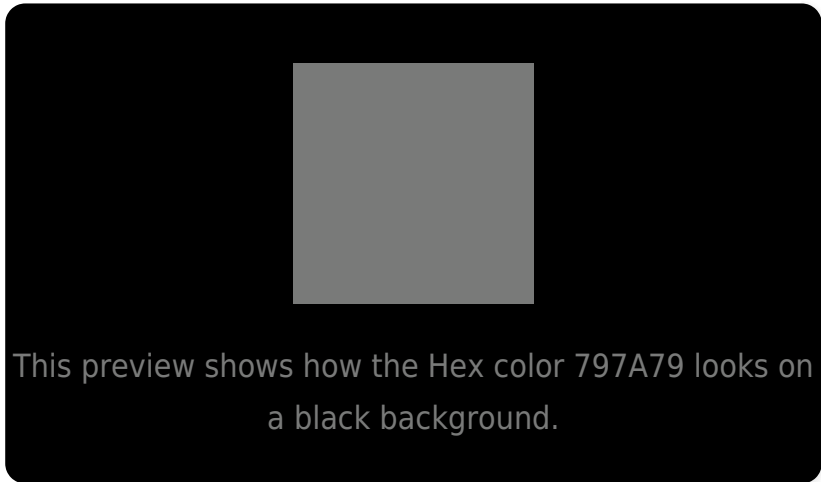
Large Text (above 18pt) WCAG AA ✓ Pass

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

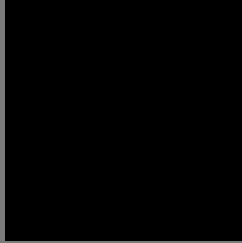
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

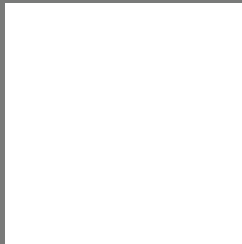
Any Text WCAG AAA × Fail

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

## Hex 797A79 Background



This preview shows how black text looks on a background with the Hex color 797A79.



This preview shows how white text looks on a background with the Hex color 797A79.

# 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**  
797A79

**Protanopia**  
7C7978

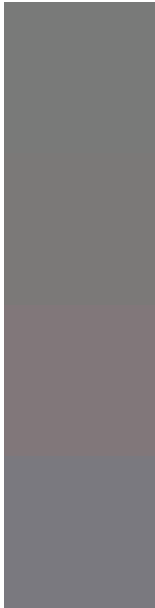
**Deuteranopia**  
85767A





**Tritanopia**  
7A7982

# Trichromacy



**Original Color**

797A79

**Protanomaly**

7B7978

**Deuteranomaly**

81777A

**Tritanomaly**

7A797F

# Monochromacy



**Original Color**

797A79

**Achromatopsia**

7A7A7A

**Achromatomaly**

7A7A7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 797A79 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 #797A79 looks like.

```
.text, #text, p{  
    color:#797A79  
}
```

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 #797A79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #797A79
}
```

## Border

The CSS property to change the border of an element to Hex 797A79 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
#797A79 }
```

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

```
.border{ border-color:#797A79 }
```

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

Here you see how a box with a 4 pixel #797A79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #797A79; -webkit-box-shadow:4px 4px  
4px 4px #797A79; box-shadow:4px 4px 4px  
4px #797A79 }
```

# Background

The CSS property to change the background color of an element to Hex 797A79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#797A79 }
```

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

```
.background{ background-color:#797A79 }
```

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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