

Converting Colors

Hex(787C7D)

Have a look what the booklet for
Hex(787C7D) contains.

Hex(787C7D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(787C7D)

Conversions

Conversions Part 1

Format	Color
Hex	787C7D
RGB	120, 124, 125
RGB Percent	47%, 49%, 49%
CMY	0.5294, 0.5137, 0.5098
CMYK	0.04, 0.01, 0.00, 0.51
HSL	192°, 2%, 48%
HSV	192°, 4%, 49%
XYZ	18.6551, 19.8890, 22.2578
YIQ	122.9180, -2.7050, -0.5370

Conversions

Conversions Part 2

Format	Color
R_{YB}	120, 122, 125
Decimal	7896189
CIE Lab	51.71, -1.29, -1.07
CIE LCh	52, 1.675, 219.800
Yxy	19.8890, 0.3068, 0.3271
Android (android.graphics.Color)	4286086269 (0xFF787C7D)
YUV	122.9180, 1.0264, -2.5591
Hunter-Lab	44.5971, -3.3781, 1.6272

Details

The Hex color **787C7D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7D7978**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **ACB0B2**, and **484B4C** is the 20% darker color. If you saturate the color by 10%, you get **6C7A7D**, and if you desaturate by 10%, it is **857E7D**.

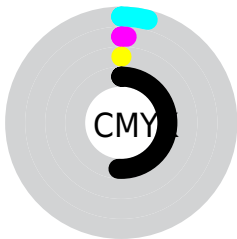
Distribution



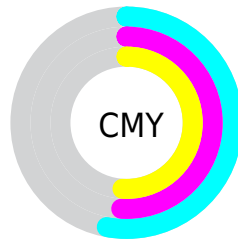
- Red (47%)
- Green (49%)
- Blue (49%)



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



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (51%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 787C7D 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 787C7D by changing the saturation by 10% instead.

■ 787C7D

■ 787C7D

FFFFFF

■ 5F6364

■ ACB0B2

■ 484B4C

■ C8CCCD

■ 313536

■ E4E8E9

■ 1C2020

■ 020709

■ 000000

■ 787C7D

■ 787C7D

■ 6C7A7D

■ 857E7D

■ 5F777D

■ 91817D

52757D

9E847D

46727D

AA867D

39707D

B6887D

2D6D7D

C38B7D

216B7D

D08D7D

14687D

DC907D

08667D

E8927D

Harmonies

Analogous

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



787C7C



787C7D



797C7E

Triad

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



787C7D



7E7A7C



7C7B78

Complementary

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



787C7D



7D7978

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.



7D7B79



787C7D



7E7A7B

Square

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



787C7D



7C7B7D



7E7A79



7A7C79

Rectangle

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



787C7D



7A7B7E



7E7A79



7D7B78

Sweetspot

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



787C7D



A2A3A3



787D79



515152



D1D1D1



525252

Same Dimension

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



787C7D



9BA2A3



787A7D



3C3F40



006680



000000

Inverse Universe

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



7D787C



A39BA2



7D7B78



403C3F



800066



000000

Previews

White Background



This preview shows how the Hex color 787C7D looks on a white background.

Color Contrast Check

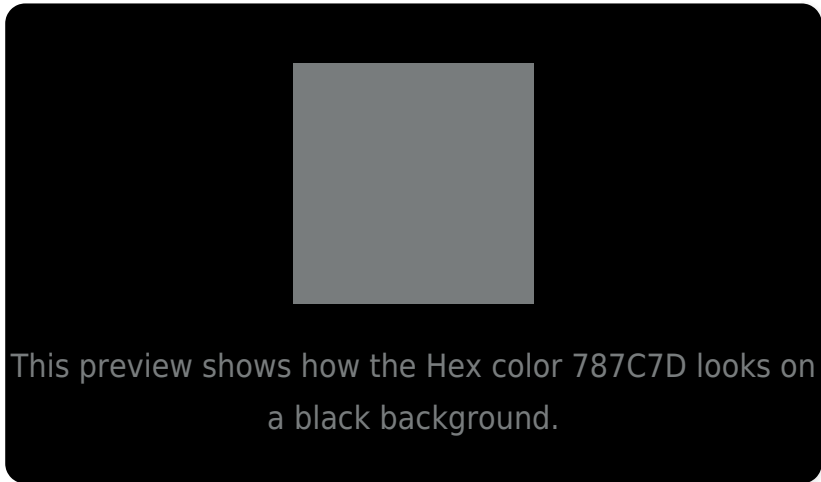
Large Text (above 18pt) WCAG AA ✓ Pass

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

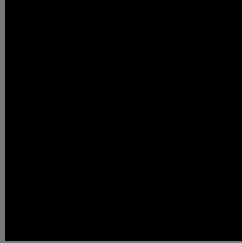
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

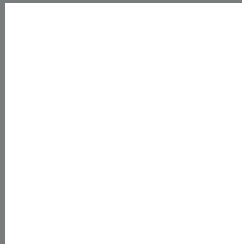
Any Text WCAG AAA × Fail

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

Hex 787C7D Background



This preview shows how black text looks on a background with the Hex color 787C7D.



This preview shows how white text looks on a background with the Hex color 787C7D.

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

787C7D

Protanopia

7D7B7C

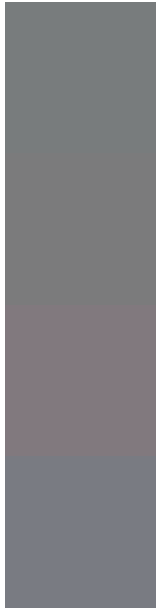
Deuteranopia

86777E



Tritanopia
797B85

Trichromacy



Original Color
78C7D

Protanomaly
7B7B7C

Deuteranomaly
81797E

Tritanomaly
797B82

Monochromacy



Original Color
78C7D

Achromatopsia
7B7B7B

Achromatomaly
7A7B7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 787C7D 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 #787C7D looks like.

```
.text, #text, p{  
    color:#787C7D  
}
```

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 #787C7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787C7D
}
```

Border

The CSS property to change the border of an element to Hex 787C7D 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
#787C7D }
```

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

```
.border{ border-color:#787C7D }
```

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

Here you see how a box with a 4 pixel #787C7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787C7D; -webkit-box-shadow:4px 4px  
4px 4px #787C7D; box-shadow:4px 4px 4px  
4px #787C7D }
```

Background

The CSS property to change the background color of an element to Hex 787C7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787C7D }
```

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

```
.background{ background-color:#787C7D }
```

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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