

Converting Colors

Hex(787B6D)

Have a look what the booklet for
Hex(787B6D) contains.

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Color

Hex(787B6D)

Conversions

Conversions Part 1

Format	Color
Hex	787B6D
RGB	120, 123, 109
RGB Percent	47%, 48%, 43%
CMY	0.5294, 0.5176, 0.5725
CMYK	0.02, 0.00, 0.11, 0.52
HSL	73°, 6%, 45%
HSV	73°, 11%, 48%
XYZ	17.5890, 19.2631, 17.2591
YIQ	120.5070, 2.7060, -4.9900

Conversions

Conversions Part 2

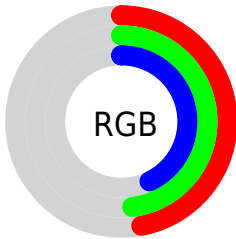
Format	Color
RYB	109, 123, 112
Decimal	7895917
CIELab	50.99, -3.84, 7.27
CIElCh	51, 8.218, 117.826
Yxy	19.2631, 0.3251, 0.3560
Android (android.graphics.Color)	4286085997 (0xFF787B6D)
YUV	120.5070, -5.6730, -0.4446
Hunter-Lab	43.8898, -5.2725, 7.4078

Details

The Hex color **787B6D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **706D7B**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **ACAFA0**, and **484A3E** is the 20% darker color. If you saturate the color by 10%, you get **757B61**, and if you desaturate by 10%, it is **7B7B79**.

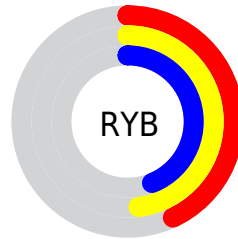
Distribution



Red (47%)

Green (48%)

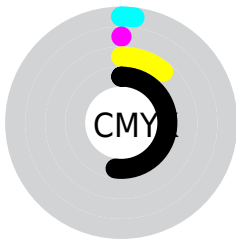
Blue (43%)



Red (43%)

Yellow (48%)

Blue (44%)

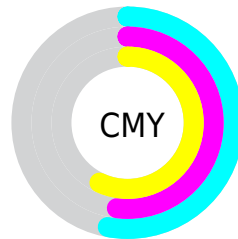


Cyan (2%)

Magenta (0%)

Yellow (11%)

Black (52%)



Cyan (53%)

Magenta (52%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 787B6D 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 787B6D by changing the saturation by 10% instead.

 787B6D

 787B6D

FFFFFF

 5F6255

 ACAFA0

 484A3E

 C8CBBB

 313428

 E4E7D7

 1C1F13

 FFFFF4

 000600

 000000

 787B6D

 787B6D

 757B61

 7B7B79

 737B54

 7D7B86

 707B48

 807B92

 6D7B3C

 837B9E

 6B7B2F

 857BAB

 687B23

 887BB7

 667B17

 8A7BC3

 637B0B

 8D7BCF

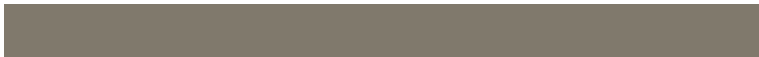
 617B00

 907BDC

Harmonies

Analogous

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



80796C



787B6D



707D72

Triad

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



787B6D



6B7C85



87757A

Complementary

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



787B6D



706D7B

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.



827681



787B6D



727A87

Square

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



787B6D



687D80



7A7886



897573

Rectangle

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



787B6D



6C7D76



7A7886



86757D

Sweetspot

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



787B6D



A0A19C



7B706D



51524E



D1D1D1



525252

Same Dimension

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



787B6D



9CA18A



717B6D



3C3D37



627D00



C6FC00

Inverse Universe

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



706D7B



8F8AA1



776D7B



38373D



1B007D



3600FC

Previews

White Background



This preview shows how the Hex color 787B6D looks on a white background.

Color Contrast Check

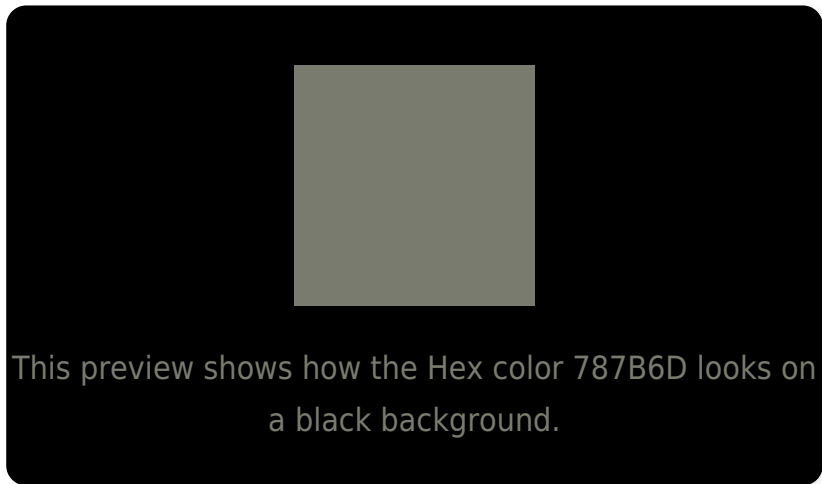
Large Text (above 18pt) WCAG AA ✓ Pass

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

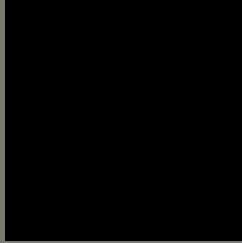
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

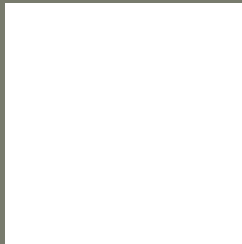
Any Text WCAG AAA × Fail

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

Hex 787B6D Background



This preview shows how black text looks on a background with the Hex color 787B6D.



This preview shows how white text looks on a background with the Hex color 787B6D.

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
787B6D

Protanopia
7F796C

Deuteranopia
89756E



Tritanopia
7B7882

Trichromacy



Original Color
787B6D

Protanomaly
7C7A6C

Deuteranomaly
83776E

Tritanomaly
7A797A

Monochromacy



Original Color
787B6D

Achromatopsia
797979

Achromatomaly
797A75

CSS Examples

Text

The CSS property to change the color of the text to Hex 787B6D 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 #787B6D looks like.

```
.text, #text, p{  
    color:#787B6D  
}
```

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 #787B6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787B6D
}
```

Border

The CSS property to change the border of an element to Hex 787B6D 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
#787B6D }
```

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

```
.border{ border-color:#787B6D }
```

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

Here you see how a box with a 4 pixel #787B6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787B6D; -webkit-box-shadow:4px 4px  
4px 4px #787B6D; box-shadow:4px 4px 4px  
4px #787B6D }
```

Background

The CSS property to change the background color of an element to Hex 787B6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787B6D }
```

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

```
.background{ background-color:#787B6D }
```

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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