

Converting Colors

Hex(787C77)

Have a look what the booklet for
Hex(787C77) contains.

Hex(787C77)	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(787C77)

Conversions

Conversions Part 1

Format	Color
Hex	787C77
RGB	120, 124, 119
RGB Percent	47%, 49%, 47%
CMY	0.5294, 0.5137, 0.5333
CMYK	0.03, 0.00, 0.04, 0.51
HSL	108°, 2%, 48%
HSV	108°, 4%, 49%
XYZ	18.2832, 19.7403, 20.2994
YIQ	122.2340, -0.7790, -2.4030

Conversions

Conversions Part 2

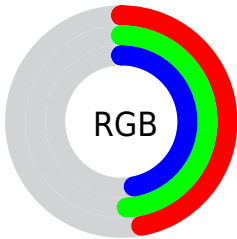
Format	Color
R_{YB}	119, 124, 123
Decimal	7896183
CIE _{Lab}	51.54, -2.50, 2.20
CIE _{LCh}	52, 3.330, 138.684
Yxy	19.7403, 0.3135, 0.3385
Android (android.graphics.Color)	4286086263 (0xFF787C77)
YUV	122.2340, -1.5944, -1.9592
Hunter-Lab	44.4300, -4.2990, 4.0123

Details

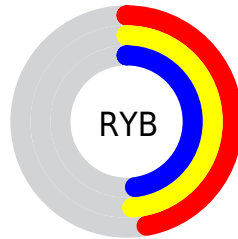
The Hex color **787C77** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7B777C**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **ACB0AB**, and **484B47** is the 20% darker color. If you saturate the color by 10%, you get **6E7C6B**, and if you desaturate by 10%, it is **827C83**.

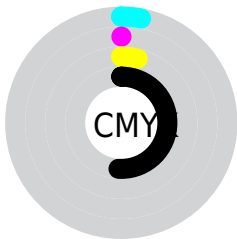
Distribution



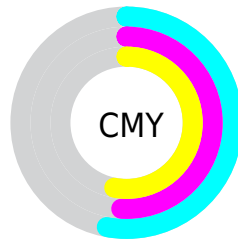
- Red (47%)
- Green (49%)
- Blue (47%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (51%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 787C77 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 787C77 by changing the saturation by 10% instead.

■ 787C77

■ 787C77

FFFFFF

■ 5F635E

■ ACB0AB

■ 484B47

■ C8CCC6

■ 313530

■ E4E8E2

■ 1C1F1C

■ 020700

■ 000000

■ 787C77

■ 787C77

■ 6E7C6B

■ 827C83

■ 647C5E

■ 8C7C90

■ 5A7C52

■ 967C9C

■ 507C45

■ A07CA9

■ 467C39

■ AA7CB5

■ 3C7C2D

■ B47CC1

■ 337C20

■ BD7CCE

■ 297C14

■ C77CDA

■ 1F7C07

■ D17CE7

Harmonies

Analogous

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



7B7B75



787C77



757D7A

Triad

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



787C77



777B80



817979

Complementary

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



787C77



7B777C

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.



80797C



787C77



7A7A80

Square

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



787C77



757C7F



7E7A7F



817977

Rectangle

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



787C77



747D7C



7E7A7F



81797A

Sweetspot

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



787C77



9FA19F



7C7B77



515251



D1D1D1



525252

Same Dimension

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



787C77



9AA199



777C79



3A3D3A



197D00



32FC00

Inverse Universe

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



7B777C



9F99A1



7C777B



3C3A3D



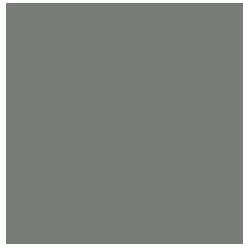
64007D



CA00FC

Previews

White Background



This preview shows how the Hex color 787C77 looks on a white background.

Color Contrast Check

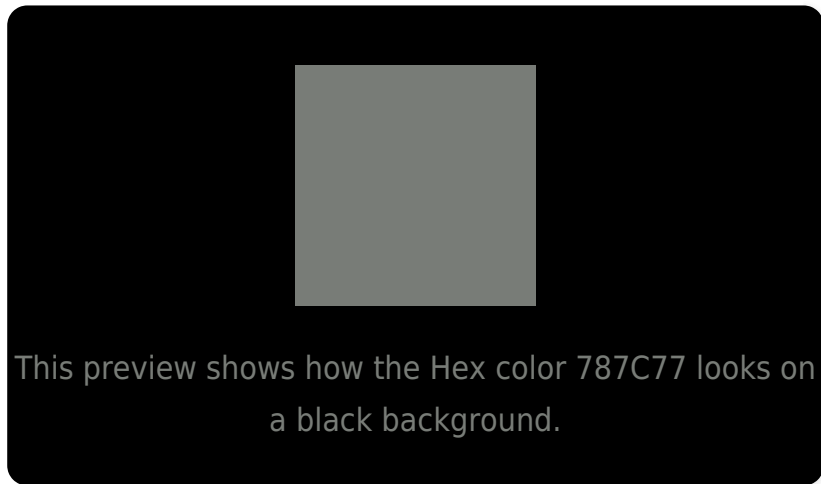
Large Text (above 18pt) WCAG AA ✓ Pass

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

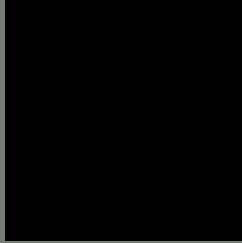
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

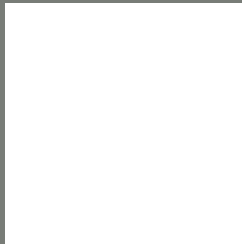
Any Text WCAG AAA × Fail

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

Hex 787C77 Background



This preview shows how black text looks on a background with the Hex color 787C77.



This preview shows how white text looks on a background with the Hex color 787C77.

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
787C77

Protanopia
7E7A76

Deuteranopia
887778



Tritanopia
7A7A84

Trichromacy



Original Color
78C777

Protanomaly
7C7B76

Deuteranomaly
827978

Tritanomaly
797B7F

Monochromacy



Original Color
78C777

Achromatopsia
7A7A7A

Achromatomaly
797B79

CSS Examples

Text

The CSS property to change the color of the text to Hex 787C77 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 #787C77 looks like.

```
.text, #text, p{  
    color:#787C77  
}
```

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 #787C77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787C77
}
```

Border

The CSS property to change the border of an element to Hex 787C77 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
#787C77 }
```

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

```
.border{ border-color:#787C77 }
```

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

Here you see how a box with a 4 pixel `#787C77` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787C77; -webkit-box-shadow:4px 4px  
4px 4px #787C77; box-shadow:4px 4px 4px  
4px #787C77 }
```

Background

The CSS property to change the background color of an element to Hex 787C77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787C77 }
```

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

```
.background{ background-color:#787C77 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor