

# Converting Colors

Hex(817F78)

Have a look what the booklet for  
Hex(817F78) contains.

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# Color

**Hex(817F78)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	817F78
RGB	129, 127, 120
RGB Percent	51%, 50%, 47%
CMY	0.4941, 0.5020, 0.5294
CMYK	0.00, 0.02, 0.07, 0.49
HSL	47°, 4%, 49%
HSV	47°, 7%, 51%
XYZ	20.0328, 21.2019, 20.8058
YIQ	126.8000, 3.4390, -1.7530

# Conversions

## Conversions Part 2

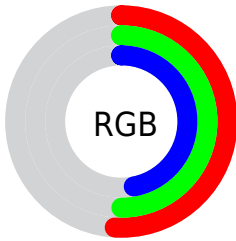
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 129, 120
Decimal	8486776
CIE <sub>Lab</sub>	53.17, -0.59, 4.06
CIE <sub>LCh</sub>	53, 4.104, 98.238
Yxy	21.2019, 0.3229, 0.3417
Android (android.graphics.Color)	4286676856 (0xFF817F78)
YUV	126.8000, -3.3524, 1.9294
Hunter-Lab	46.0456, -2.9207, 5.4415

# Details

The Hex color **817F78** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **787A81**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B6B4AC**, and **504E48** is the 20% darker color. If you saturate the color by 10%, you get **817C6B**, and if you desaturate by 10%, it is **818285**.

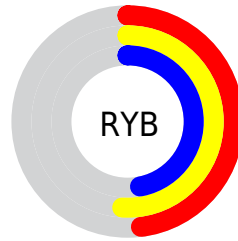
# Distribution



Red (51%)

Green (50%)

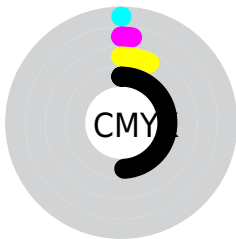
Blue (47%)



Red (48%)

Yellow (51%)

Blue (47%)

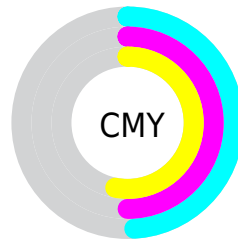


Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (49%)



Cyan (49%)

Magenta (50%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 817F78 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 817F78 by changing the saturation by 10% instead.





817F78



817F78

FFFFFF



68665F



B6B4AC



504E48



D1CFC8



393731



EEEEBE4



23221C



0E0C02



000000



817F78



817F78



817C6B




818285



81795E




818592

 817651


 81889F


 817444


 818AAC

 817137


 818DB9

 816E2B


 8190C5


 816B1E

 8193D2

 816811

 8196DF

 816504

 8199EC

# Harmonies

## Analogous

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



857E78



817F78



7D8079

# Triad

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



817F78



778183



857D82

# Complementary

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



817F78



787A81

# 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.



817E84



817F78



798085

# Square

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



817F78



778180



7D7F86



877D7E

# Rectangle

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



817F78



7A817B



7D7F86



847D83



# Sweetspot

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



817F78



A8A8A5



81787A



545452



D4D4D4



545454



# Same Dimension

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



817F78



A8A59B



7F8178



403E39



806300



000000



# Inverse Universe

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



787A81



9B9EA8



7A7881



393B40



001C80



000000



# Previews

## White Background



This preview shows how the Hex color 817F78 looks on a white background.

## Color Contrast Check

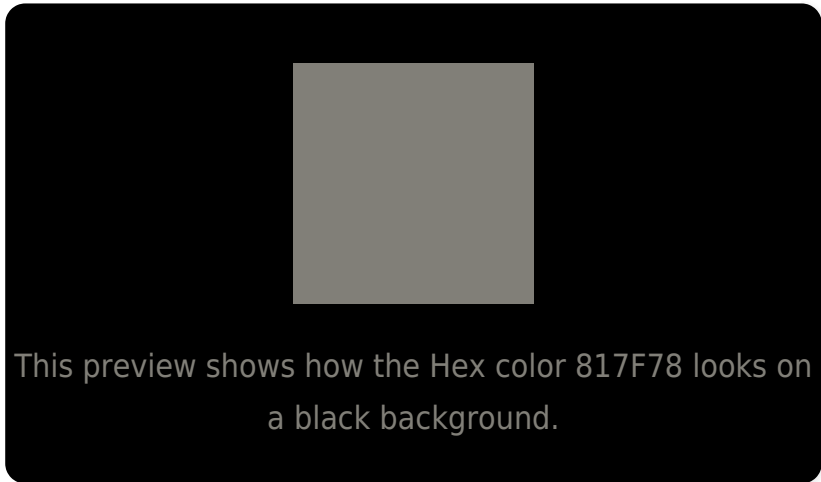
Large Text (above 18pt) WCAG AA ✓ Pass

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

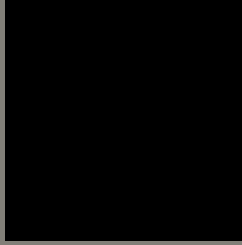
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

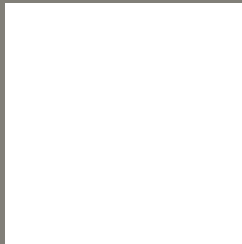
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 817F78 Background



This preview shows how black text looks on a background with the Hex color 817F78.



This preview shows how white text looks on a background with the Hex color 817F78.

# 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**

817F78

**Protanopia**

837E78

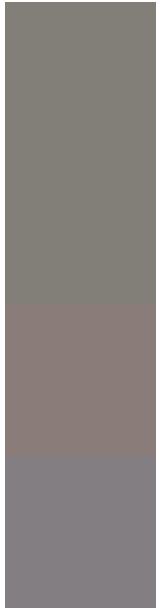
**Deuteranopia**

8D7B79



**Tritanopia**  
837D87

# Trichromacy



**Original Color**  
817F78

**Protanomaly**  
827E78

**Deuteranomaly**  
897C79

**Tritanomaly**  
827E82

# Monochromacy



**Original Color**  
817F78

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
807F7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 817F78 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 #817F78 looks like.

```
.text, #text, p{  
    color:#817F78  
}
```

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 #817F78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #817F78
}
```

## Border

The CSS property to change the border of an element to Hex 817F78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

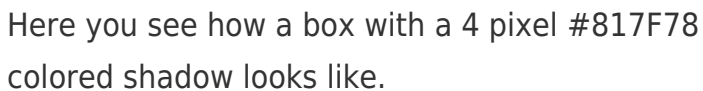
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#817F78 }
```

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

```
.border{ border-color:#817F78 }
```

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



Here you see how a box with a 4 pixel #817F78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #817F78; -webkit-box-shadow:4px 4px  
4px 4px #817F78; box-shadow:4px 4px 4px  
4px #817F78 }
```

# Background

The CSS property to change the background color of an element to Hex 817F78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#817F78 }
```

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

```
.background{ background-color:#817F78 }
```

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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