

# Converting Colors

Hex(81787F)

Have a look what the booklet for  
Hex(81787F) contains.

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# Color

**Hex(81787F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81787F
RGB	129, 120, 127
RGB Percent	51%, 47%, 50%
CMY	0.4941, 0.5294, 0.5020
CMYK	0.00, 0.07, 0.02, 0.49
HSL	313°, 4%, 49%
HSV	313°, 7%, 51%
XYZ	19.6005, 19.6324, 22.8350
YIQ	123.4890, 3.1170, 4.0850

# Conversions

## Conversions Part 2

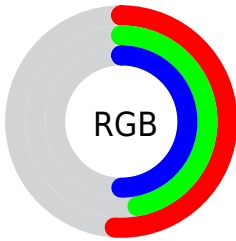
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 120, 127
Decimal	8484991
CIE Lab	51.42, 4.80, -2.59
CIE LCh	51, 5.455, 331.698
Yxy	19.6324, 0.3158, 0.3163
Android (android.graphics.Color)	4286675071 (0xFF81787F)
YUV	123.4890, 1.7309, 4.8331
Hunter-Lab	44.3084, 1.4224, 0.4599

# Details

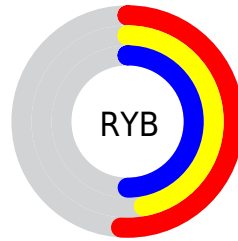
The Hex color **81787F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **78817A**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B6ACB4**, and **50484E** is the 20% darker color. If you saturate the color by 10%, you get **816B7C**, and if you desaturate by 10%, it is **818582**.

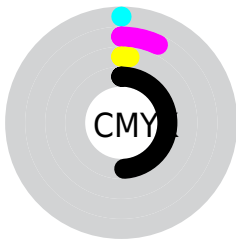
# Distribution



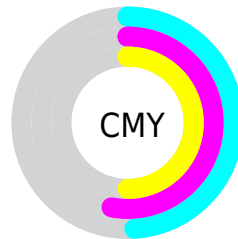
- Red (51%)
- Green (47%)
- Blue (50%)



- Red (51%)
- Yellow (47%)
- Blue (50%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (49%)



- Cyan (49%)
- Magenta (53%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81787F 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 81787F by changing the saturation by 10% instead.





81787F



81787F

FFFFFF



685F66



B6ACB4



50484E



D1C8CF



393137



EEE4EB



231C22



0E020C



000000



81787F



81787F



816B7C



818582



815E79



819285

815176

819F88

814474

81AC8A

813771

81B98D

812B6E

81C590

811E6B

81D293

811168

81DF96

810465

81EC99

# Harmonies

## Analogous

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



7C7982



81787F



84777A

# Triad

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



81787F



7E7A71



6F7D7F

# Complementary

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



81787F



78817A

# 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.



707D7B



81787F



797C73

# Square

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



81787F



837972



747D76



717C83

# Rectangle

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



81787F



857877



747D76



6F7D7E



# Sweetspot

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



81787F



A8A5A8



7A7881



545254



D4D4D4



545454



# Same Dimension

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



81787F



A89BA5



81787B



40393E



800063



000000



# Inverse Universe

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



81787F



A89BA5



78817E



40393E



800063



000000



# Previews

## White Background



This preview shows how the Hex color 81787F looks on a white background.

## Color Contrast Check

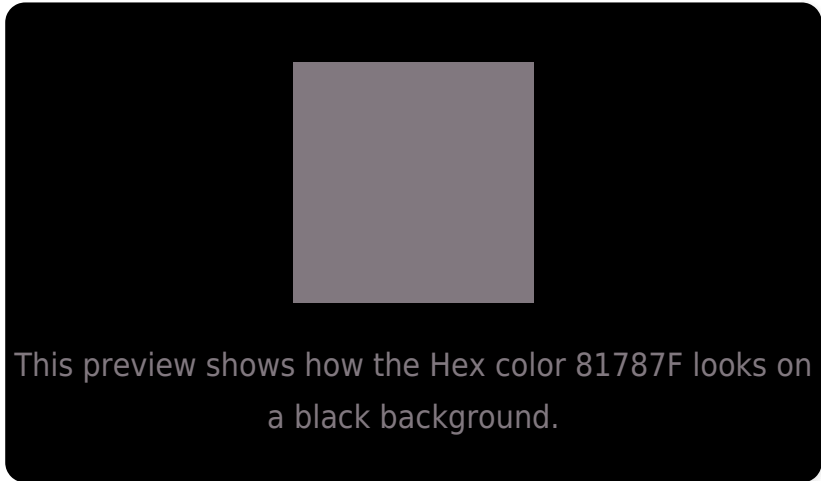
Large Text (above 18pt) WCAG AA ✓ Pass

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

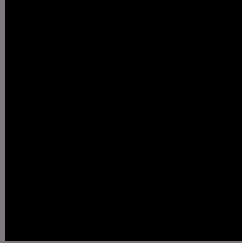
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 81787F Background



This preview shows how black text looks on a background with the Hex color 81787F.



This preview shows how white text looks on a background with the Hex color 81787F.

# 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**  
81787F

**Protanopia**  
7B7A80

**Deuteranopia**  
84777F



**Tritanopia**  
817881

# Trichromacy



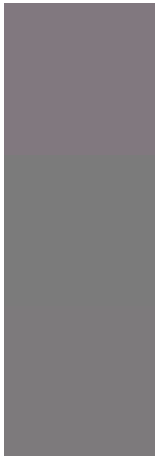
**Original Color**  
81787F

**Protanomaly**  
7D7980

**Deuteranomaly**  
83777F

**Tritanomaly**  
817880

# Monochromacy



**Original Color**  
81787F

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7D7A7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81787F 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 #81787F looks like.

```
.text, #text, p{  
    color:#81787F  
}
```

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 #81787F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81787F
}
```

## Border

The CSS property to change the border of an element to Hex 81787F 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
#81787F }
```

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

```
.border{ border-color:#81787F }
```

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

Here you see how a box with a 4 pixel #81787F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81787F; -webkit-box-shadow:4px 4px  
4px 4px #81787F; box-shadow:4px 4px 4px  
4px #81787F }
```

# Background

The CSS property to change the background color of an element to Hex 81787F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81787F }
```

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

```
.background{ background-color:#81787F }
```

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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