

# Converting Colors

Hex(91787F)

Have a look what the booklet for  
Hex(91787F) contains.

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# Color

**Hex(91787F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	91787F
RGB	145, 120, 127
RGB Percent	57%, 47%, 50%
CMY	0.4314, 0.5294, 0.5020
CMYK	0.00, 0.17, 0.12, 0.43
HSL	343°, 10%, 52%
HSV	343°, 17%, 57%
XYZ	22.2243, 20.9850, 22.9578
YIQ	128.2730, 12.6530, 7.4770

# Conversions

## Conversions Part 2

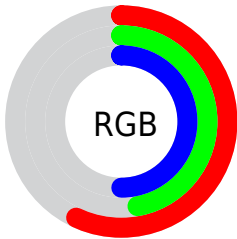
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 120, 127
Decimal	9533567
CIE <sub>Lab</sub>	52.93, 10.91, -0.19
CIE <sub>LCh</sub>	53, 10.911, 359.011
Yxy	20.9850, 0.3359, 0.3172
Android (android.graphics.Color)	4287723647 (0xFF91787F)
YUV	128.2730, -0.6276, 14.6696
Hunter-Lab	45.8094, 6.4324, 2.3528

# Details

The Hex color **91787F** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **78918A**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **C7ACB4**, and **5E474E** is the 20% darker color. If you saturate the color by 10%, you get **916A75**, and if you desaturate by 10%, it is **918789**.

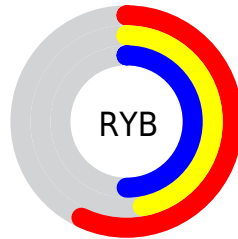
# Distribution



Red (57%)

Green (47%)

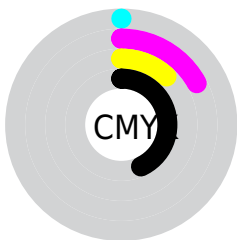
Blue (50%)



Red (57%)

Yellow (47%)

Blue (50%)

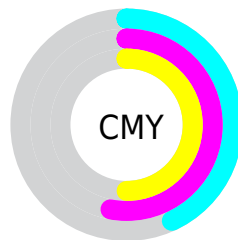


Cyan (0%)

Magenta (17%)

Yellow (12%)

Black (43%)



Cyan (43%)

Magenta (53%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91787F 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 91787F by changing the saturation by 10% instead.



■ 91787F

■ 91787F

FFFFFF

■ 775F66

■ C7ACB4

■ 5E474E

■ E3C8CF

■ 463137

■ FFE4EB

■ 301C22

■ 1C020C

■ 000000

■ 91787F

■ 91787F

■ 916A75

■ 918789

■ 915B6A

■ 919594

914D60

91A49E

913E55

91B2A9

912F4B

91C1B3

912140

91CFBE

911336

91DEC8

91042B

91ECD3

910029

91FBDD

# Harmonies

## Analogous

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



8A7988



91787F



927876

# Triad

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



91787F



7C816E



6A828E

# Complementary

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



91787F



78918A

# 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.



668487



91787F



718374

# Square

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



91787F



867E6C



69847E



747F91

# Rectangle

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



91787F



907A71



69847E



68838C



# Sweetspot

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



91787F



BDB3B6



8A7891



5E595A



DEDEDE



5E5E5E



# Same Dimension

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



91787F



BD95A0



917D78



474042



870026



080002



# Inverse Universe

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



91787F



BD95A0



788C91



474042



870026

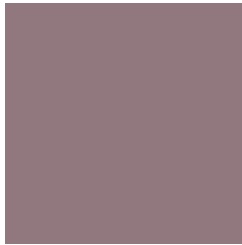


080002



# Previews

## White Background



This preview shows how the Hex color 91787F looks on a white background.

## Color Contrast Check

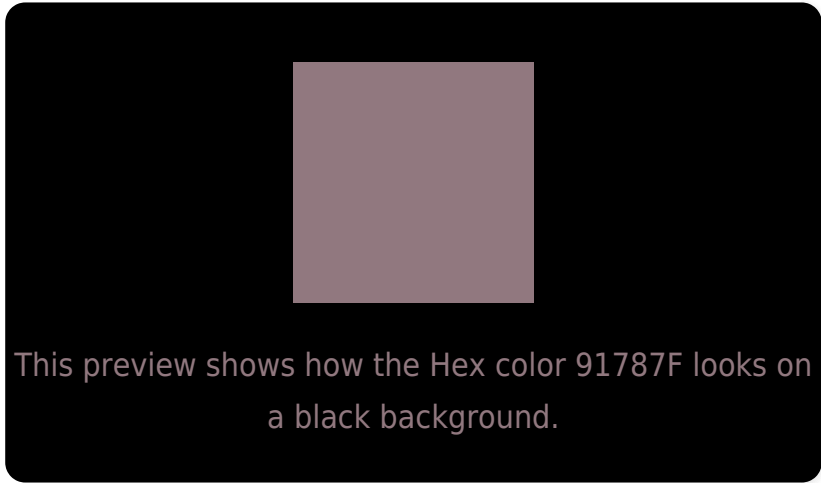
Large Text (above 18pt) WCAG AA ✓ Pass

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

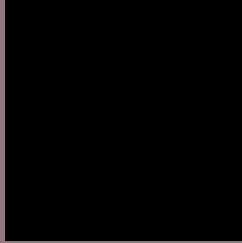
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 91787F Background



This preview shows how black text looks on a background with the Hex color 91787F.



This preview shows how white text looks on a background with the Hex color 91787F.

# 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**  
91787F

**Protanopia**  
807E82

**Deuteranopia**  
8B7A7F



**Tritanopia**  
917881

# Trichromacy



**Original Color**  
91787F

**Protanomaly**  
867C81

**Deuteranomaly**  
8D797F

**Tritanomaly**  
917880

# Monochromacy



**Original Color**  
91787F

**Achromatopsia**  
808080

**Achromatomaly**  
867D80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91787F 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 #91787F looks like.

```
.text, #text, p{  
    color:#91787F  
}
```

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 #91787F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91787F
}
```

## Border

The CSS property to change the border of an element to Hex 91787F is called "border". The border property can be set on classes, ids or directly on the HTML element.

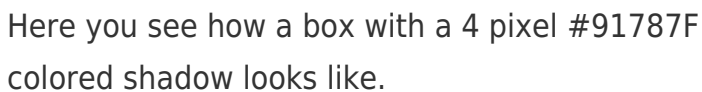
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#91787F }
```

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

```
.border{ border-color:#91787F }
```

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



Here you see how a box with a 4 pixel #91787F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91787F; -webkit-box-shadow:4px 4px  
4px 4px #91787F; box-shadow:4px 4px 4px  
4px #91787F }
```

# Background

The CSS property to change the background color of an element to Hex 91787F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91787F }
```

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

```
.background{ background-color:#91787F }
```

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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