

# Converting Colors

Hex(90857F)

Have a look what the booklet for  
Hex(90857F) contains.

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# Color

**Hex(90857F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	90857F
RGB	144, 133, 127
RGB Percent	56%, 52%, 50%
CMY	0.4353, 0.4784, 0.5020
CMYK	0.00, 0.08, 0.12, 0.44
HSL	21°, 7%, 53%
HSV	21°, 12%, 56%
XYZ	23.7199, 24.2367, 23.5066
YIQ	135.6050, 8.4820, 0.4660

# Conversions

## Conversions Part 2

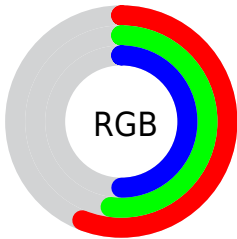
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 136, 127
Decimal	9471359
CIE Lab	56.32, 3.05, 4.72
CIE LCh	56, 5.619, 57.080
Yxy	24.2367, 0.3319, 0.3391
Android (android.graphics.Color)	4287661439 (0xFF90857F)
YUV	135.6050, -4.2423, 7.3624
Hunter-Lab	49.2307, -0.1506, 6.1518

# Details

The Hex color **90857F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7F8A90**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **C6BAB4**, and **5E544E** is the 20% darker color. If you saturate the color by 10%, you get **907C71**, and if you desaturate by 10%, it is **908E8D**.

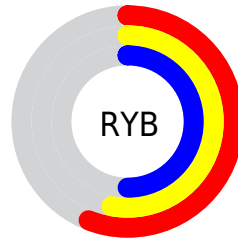
# Distribution



Red (56%)

Green (52%)

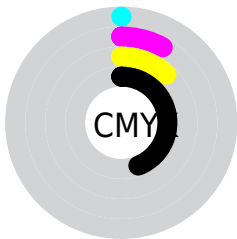
Blue (50%)



Red (56%)

Yellow (53%)

Blue (50%)

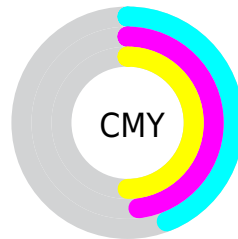


Cyan (0%)

Magenta (8%)

Yellow (12%)

Black (44%)



Cyan (44%)

Magenta (48%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90857F 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 90857F by changing the saturation by 10% instead.





90857F



90857F

FFFFFF



766C66



C6BAB4



5E544E



E2D6CF



463C37



FFF2EB



2F2722



1B120C



000000



90857F



90857F



907C71



908E8D



907262



90989C

906954

90A1AA

906045

90AAB9

905637

90B4C7

904D29

90BDD5

90441A

90C6E4

903A0C

90D0F2

903300

90D9FF

# Harmonies

## Analogous

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



928483



90857F



8C877D

# Triad

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



90857F



7D8A86



888690

# Complementary

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



90857F



7F8A90

# 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.



828891



90857F



7B8A8B

# Square

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



90857F



818982



7D898F



8D858C

# Rectangle

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



90857F



88887E



7D898F



868690



# Sweetspot

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



90857F



BAB5B3



907F8A



5E5B5A



DEDEDE



5E5E5E



# Same Dimension

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



90857F



BAA9A0



908D7F



474340



873000



080300



# Inverse Universe

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



7F8A90



A0B1BA



7F8290



404547



005787



000508



# Previews

## White Background



This preview shows how the Hex color 90857F looks on a white background.

## Color Contrast Check

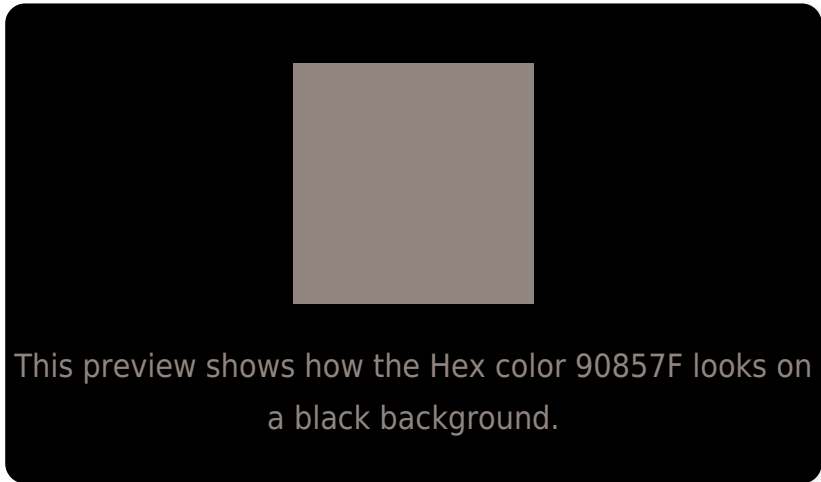
Large Text (above 18pt) WCAG AA ✓ Pass

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

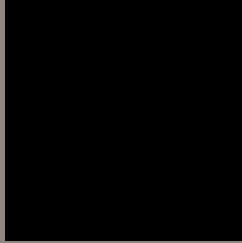
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 90857F Background



This preview shows how black text looks on a background with the Hex color 90857F.



This preview shows how white text looks on a background with the Hex color 90857F.

# 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**  
90857F

**Protanopia**  
8B8780

**Deuteranopia**  
97827F



**Tritanopia**  
92838D

# Trichromacy



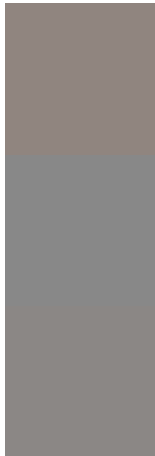
**Original Color**  
90857F

**Protanomaly**  
8D8680

**Deuteranomaly**  
94837F

**Tritanomaly**  
918488

# Monochromacy



**Original Color**  
90857F

**Achromatopsia**  
888888

**Achromatomaly**  
8B8785

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90857F 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 #90857F looks like.

```
.text, #text, p{  
    color:#90857F  
}
```

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 #90857F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90857F
}
```

## Border

The CSS property to change the border of an element to Hex 90857F is called "border". The border property can be set on classes, ids or directly on the HTML element.

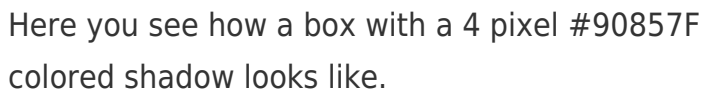
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#90857F }
```

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

```
.border{ border-color:#90857F }
```

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



Here you see how a box with a 4 pixel #90857F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90857F; -webkit-box-shadow:4px 4px  
4px 4px #90857F; box-shadow:4px 4px 4px  
4px #90857F }
```

# Background

The CSS property to change the background color of an element to Hex 90857F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90857F }
```

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

```
.background{ background-color:#90857F }
```

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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