

# Converting Colors

Hex(91808D)

Have a look what the booklet for  
Hex(91808D) contains.

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**Color**

**Hex(91808D)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 91808D                    |
| RGB           | 145, 128, 141             |
| RGB Percent   | 57%, 50%, 55%             |
| CMY           | 0.4314, 0.4980, 0.4471    |
| CMYK          | 0.00, 0.12, 0.03, 0.43    |
| HSL           | 314°, 7%, 54%             |
| HSV           | 314°, 12%, 57%            |
| XYZ           | 24.2039, 23.3812, 28.4366 |
| YIQ           | 134.5650, 5.9590, 7.6470  |

# Conversions

## Conversions Part 2

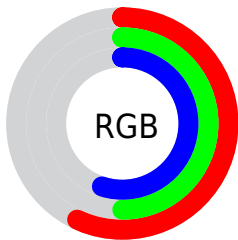
| <b>Format</b>                       | <b>Color</b>                |
|-------------------------------------|-----------------------------|
| <b>R<sub>YB</sub></b>               | 145, 128, 141               |
| Decimal                             | 9535629                     |
| CIE Lab                             | 55.46, 8.89, -4.63          |
| CIE LCh                             | 55, 10.025, 332.501         |
| Yxy                                 | 23.3812, 0.3184,<br>0.3076  |
| Android<br>(android.graphics.Color) | 4287725709<br>(0xFF91808D)  |
| YUV                                 | 134.5650, 3.1725,<br>9.1515 |
| Hunter-Lab                          | 48.3541, 4.7297,<br>-1.0201 |

# Details

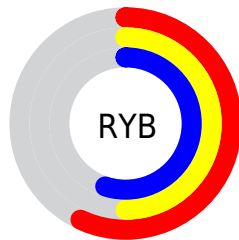
The Hex color **91808D** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **809184**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **C7B5C3**, and **5E4F5B** is the 20% darker color. If you saturate the color by 10%, you get **91728A**, and if you desaturate by 10%, it is **918F90**.

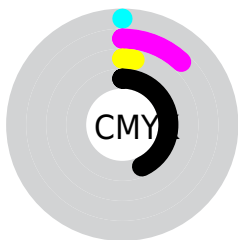
# Distribution



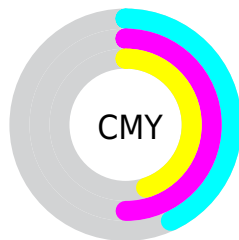
- Red (57%)
- Green (50%)
- Blue (55%)



- Red (57%)
- Yellow (50%)
- Blue (55%)



- Cyan (0%)
- Magenta (12%)
- Yellow (3%)
- Black (43%)



- Cyan (43%)
- Magenta (50%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91808D 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 91808D by changing the saturation by 10% instead.



91808D

91808D

FFFFFF

776773

C7B5C3

5E4F5B

E3D0DE

473843

FFEDFB

30222D

1C0D19

000000

91808D

91808D

91728A

918F90

916386

919D94

915583

91AB97

91467F

91BA9B

91387C

91C99E

912979

91D7A1

911B75

91E6A5

910C72

91F4A8

91006F

91FFAC

# Harmonies

## Analogous

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



888293



91808D



977F84

# Triad

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



91808D



8B8474



6F8A8E

# Complementary

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



91808D



809184

# 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.



718A85



91808D



818776

# Square

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



91808D



938276



78897D



738894

# Rectangle

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



91808D



987F7F



78897D



6F8A8B



# Sweetspot

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



91808D



BDB5BB



848091



5E5A5D



DEDEDE



5E5E5E



# Same Dimension

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



91808D



BDA2B6



918085



474046



870067



080006



# Inverse Universe

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



91808D



BDA2B6



80918C



474046



870067

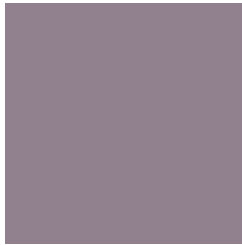


080006



# Previews

## White Background



This preview shows how the Hex color 91808D looks on a white background.

## Color Contrast Check

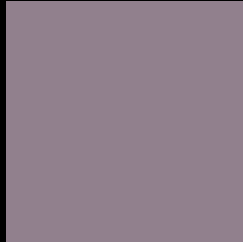
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color 91808D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

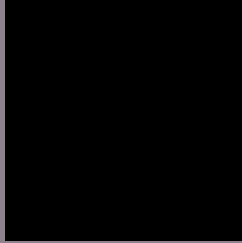
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 91808D Background



This preview shows how black text looks on a background with the Hex color 91808D.

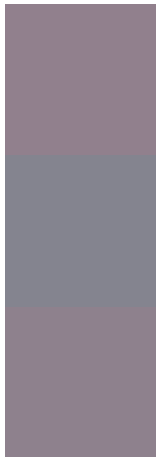


This preview shows how white text looks on a background with the Hex color 91808D.

# 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**  
91808D

**Protanopia**  
84848F

**Deuteranopia**  
8E818D



**Tritanopia**  
91808A

# Trichromacy



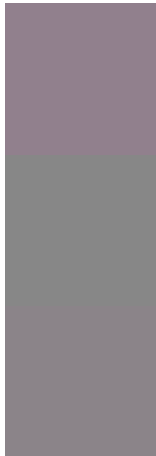
**Original Color**  
91808D

**Protanomaly**  
89838E

**Deuteranomaly**  
8F818D

**Tritanomaly**  
91808B

# Monochromacy



**Original Color**  
91808D

**Achromatopsia**  
878787

**Achromatomaly**  
8B8489

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91808D 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 #91808D looks like.

```
.text, #text, p{  
    color:#91808D  
}
```

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 #91808D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91808D
}
```

## Border

The CSS property to change the border of an element to Hex 91808D is called "border". The border property can be set on classes, ids or directly on the HTML element.

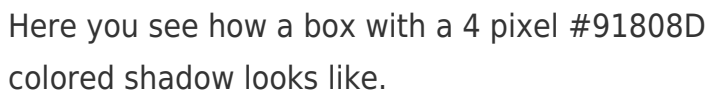
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#91808D }
```

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

```
.border{ border-color:#91808D }
```

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



Here you see how a box with a 4 pixel #91808D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91808D; -webkit-box-shadow:4px 4px  
4px 4px #91808D; box-shadow:4px 4px 4px  
4px #91808D }
```

# Background

The CSS property to change the background color of an element to Hex 91808D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91808D }
```

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

```
.background{ background-color:#91808D }
```

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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