

# Converting Colors

Hex(91908D)

Have a look what the booklet for  
Hex(91908D) contains.

<b>Hex(91908D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(91908D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	91908D
RGB	145, 144, 141
RGB Percent	57%, 56%, 55%
CMY	0.4314, 0.4353, 0.4471
CMYK	0.00, 0.01, 0.03, 0.43
HSL	45°, 2%, 56%
HSV	45°, 3%, 57%
XYZ	26.4580, 27.8893, 29.1880
YIQ	143.9570, 1.5590, -0.7210

# Conversions

## Conversions Part 2

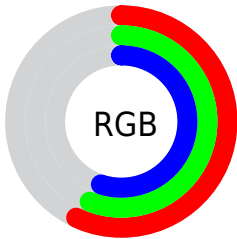
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 145, 141
Decimal	9539725
CIE Lab	59.79, -0.21, 1.71
CIE LCh	60, 1.725, 96.835
Yxy	27.8893, 0.3167, 0.3339
Android (android.graphics.Color)	4287729805 (0xFF91908D)
YUV	143.9570, -1.4578, 0.9147
Hunter-Lab	52.8104, -2.9895, 4.1980

# Details

The Hex color **91908D** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8D8E91**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **C7C6C3**, and **5F5E5B** is the 20% darker color. If you saturate the color by 10%, you get **918C7F**, and if you desaturate by 10%, it is **91949B**.

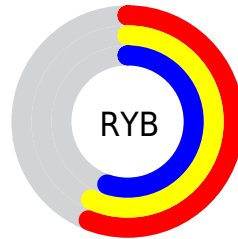
# Distribution



Red (57%)

Green (56%)

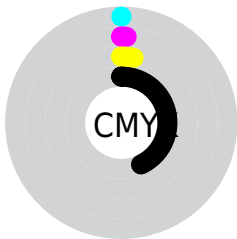
Blue (55%)



Red (56%)

Yellow (57%)

Blue (55%)

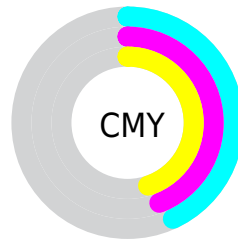


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (43%)



Cyan (43%)

Magenta (44%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91908D 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 91908D by changing the saturation by 10% instead.



■ 91908D

■ 91908D

FFFFFF

■ 777673

■ C7C6C3

■ 5F5E5B

■ E3E2DE

■ 474644

■ FFFEFB

■ 31302D

■ 1C1B19

■ 000000

■ 91908D

■ 91908D

■ 918C7F

■ 91949B

■ 918970

■ 9197AA

■ 918562

■ 919BB9

■ 918253

■ 919FC7

■ 917E45

■ 91A2D6

■ 917A36

■ 91A6E4

■ 917728

■ 91A9F3

■ 917319

■ 91ADFF

■ 916F0B

■ 91B1FF

# Harmonies

## Analogous

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



93908D



91908D



8F908E

# Triad

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



91908D



8D9192



928F91

# Complementary

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



91908D



8D8E91

# 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.



919092



91908D



8D9093

# Square

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



91908D



8D9190



8F9093



938F90

# Rectangle

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



91908D



8E918E



8F9093



928F92



# Sweetspot

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



91908D



BDBCBB



918D8E



5E5E5D



DEDEDE



5E5E5E



# Same Dimension

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



91908D



BDBBB7



90918D



474745



876500



080600



# Inverse Universe

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



8D8E91



B7B8BD



8E8D91



454547



002287



000208



# Previews

## White Background



This preview shows how the Hex color 91908D looks on a white background.

## Color Contrast Check

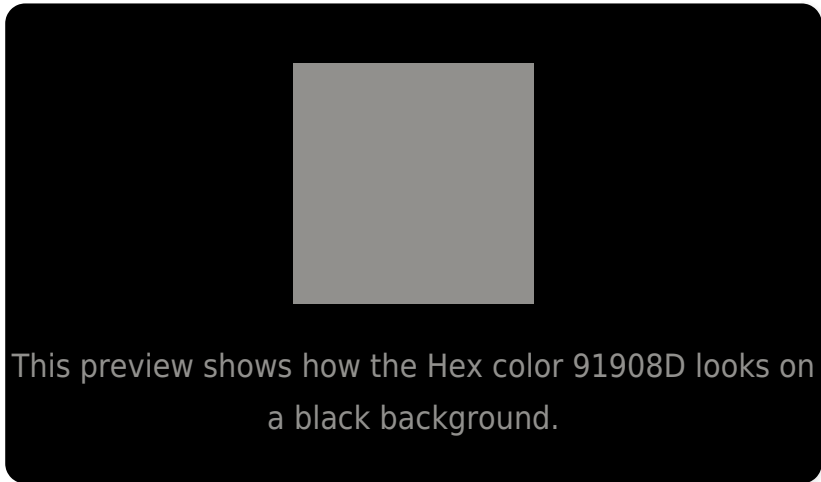
Large Text (above 18pt) WCAG AA ✓ Pass

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

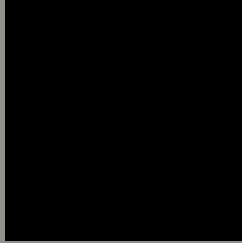
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

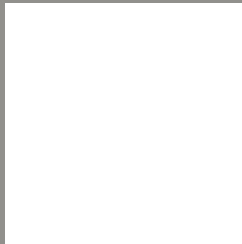
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 91908D Background



This preview shows how black text looks on a background with the Hex color 91908D.



This preview shows how white text looks on a background with the Hex color 91908D.

# 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**  
91908D

**Protanopia**  
938F8D

**Deuteranopia**  
9F8B8E



**Tritanopia**  
938E99

# Trichromacy



**Original Color**  
91908D

**Protanomaly**  
928F8D

**Deuteranomaly**  
9A8D8E

**Tritanomaly**  
928F95

# Monochromacy



**Original Color**  
91908D

**Achromatopsia**  
909090

**Achromatomaly**  
90908F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91908D 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 #91908D looks like.

```
.text, #text, p{  
    color:#91908D  
}
```

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 #91908D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91908D
}
```

## Border

The CSS property to change the border of an element to Hex 91908D 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
#91908D }
```

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

```
.border{ border-color:#91908D }
```

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

Here you see how a box with a 4 pixel #91908D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91908D; -webkit-box-shadow:4px 4px  
4px 4px #91908D; box-shadow:4px 4px 4px  
4px #91908D }
```

# Background

The CSS property to change the background color of an element to Hex 91908D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91908D }
```

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

```
.background{ background-color:#91908D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor