

# Converting Colors

Hex(91937F)

Have a look what the booklet for  
Hex(91937F) contains.

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**Color**

**Hex(91937F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	91937F
RGB	145, 147, 127
RGB Percent	57%, 58%, 50%
CMY	0.4314, 0.4235, 0.5020
CMYK	0.01, 0.00, 0.14, 0.42
HSL	66°, 8%, 54%
HSV	66°, 14%, 58%
XYZ	25.9415, 28.4195, 24.1969
YIQ	144.1220, 5.2280, -6.6440

# Conversions

## Conversions Part 2

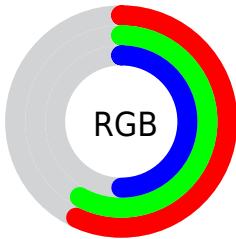
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 147, 129
Decimal	9540479
CIE <sub>Lab</sub>	60.27, -4.40, 10.35
CIE <sub>LCh</sub>	60, 11.247, 113.034
Yxy	28.4195, 0.3302, 0.3618
Android (android.graphics.Color)	4287730559 (0xFF91937F)
YUV	144.1220, -8.4411, 0.7700
Hunter-Lab	53.3099, -6.4312, 10.4057

# Details

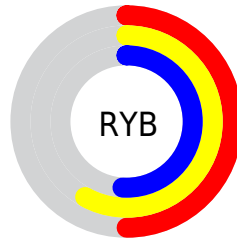
The Hex color **91937F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **817F93**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **C7C9B4**, and **5E614E** is the 20% darker color. If you saturate the color by 10%, you get **909370**, and if you desaturate by 10%, it is **92938E**.

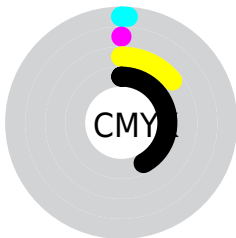
# Distribution



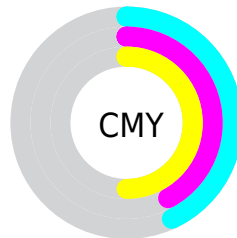
- Red (57%)
- Green (58%)
- Blue (50%)



- Red (50%)
- Yellow (58%)
- Blue (51%)



- Cyan (1%)
- Magenta (0%)
- Yellow (14%)
- Black (42%)



- Cyan (43%)
- Magenta (42%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91937F 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 91937F by changing the saturation by 10% instead.



■ 91937F

FFFFFF

■ C7C9B4

■ E3E5CF

■ FFFFEC

■ 91937F

■ 777966

■ 5E614E

■ 474937

■ 303222

■ 1C1D0C

■ 000200

■ 000000

■ 91937F

■ 909370

■ 91937F

■ 92938E

8E9362

94939C

8D9353

9593AB

8B9344

9793BA

8A9336

9893C9

889327

9A93D7

879318

9B93E6

859309

9D93F5

849300

9E93FF

# Harmonies

## Analogous

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



9C907E



91937F



869685

# Triad

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



91937F



7B96A1



A48B94

# Complementary

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



91937F



817F93

# 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.



9C8C9D



91937F



8493A5

# Square

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



91937F



789799



9090A3



A78B8A

# Rectangle

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



91937F



7F978B



9090A3



A28B97



# Sweetspot

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



91937F



BEBFB8



93817F



60615C



E0E0E0



616161



# Same Dimension

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



91937F



BCBFA1



87937F



494A43



7C8A00



090A00



# Inverse Universe

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



817F93



A4A1BF



8B7F93



43434A



0E008A



01000A



# Previews

## White Background



This preview shows how the Hex color 91937F looks on a white background.

## Color Contrast Check

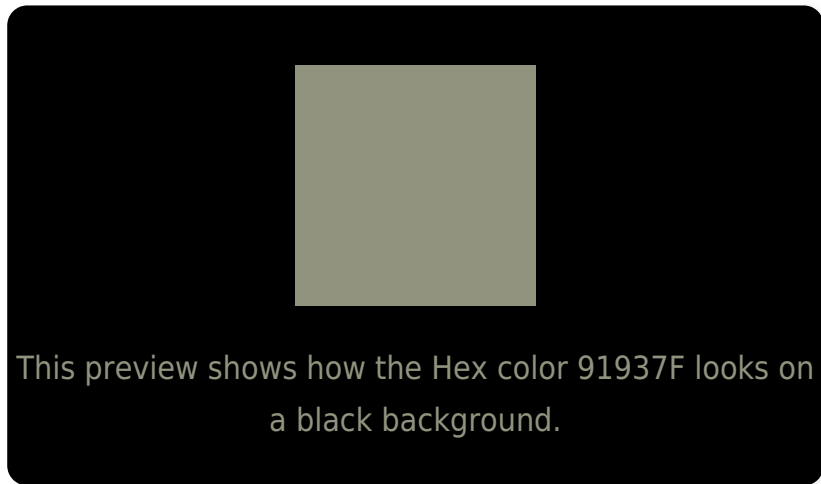
Large Text (above 18pt) WCAG AA ✓ Pass

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

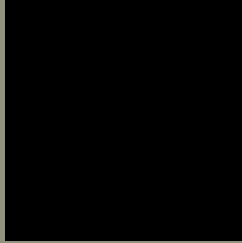
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

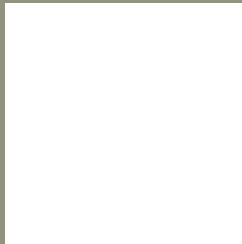
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 91937F Background



This preview shows how black text looks on a background with the Hex color 91937F.



This preview shows how white text looks on a background with the Hex color 91937F.

# 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**  
91937F

**Protanopia**  
98917E

**Deuteranopia**  
A58C80



**Tritanopia**  
958F9A

# Trichromacy



**Original Color**  
91937F

**Protanomaly**  
95927E

**Deuteranomaly**  
9E8F80

**Tritanomaly**  
949090

# Monochromacy



**Original Color**  
91937F

**Achromatopsia**  
909090

**Achromatomaly**  
90918A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91937F 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 #91937F looks like.

```
.text, #text, p{  
    color:#91937F  
}
```

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 #91937F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91937F
}
```

## Border

The CSS property to change the border of an element to Hex 91937F 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
#91937F }
```

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

```
.border{ border-color:#91937F }
```

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

Here you see how a box with a 4 pixel #91937F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91937F; -webkit-box-shadow:4px 4px  
4px 4px #91937F; box-shadow:4px 4px 4px  
4px #91937F }
```

# Background

The CSS property to change the background color of an element to Hex 91937F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91937F }
```

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

```
.background{ background-color:#91937F }
```

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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