

# Converting Colors

Hex(91736E)

Have a look what the booklet for  
Hex(91736E) contains.

<b>Hex(91736E)</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(91736E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	91736E
RGB	145, 115, 110
RGB Percent	57%, 45%, 43%
CMY	0.4314, 0.5490, 0.5686
CMYK	0.00, 0.21, 0.24, 0.43
HSL	9°, 14%, 50%
HSV	9°, 24%, 57%
XYZ	20.6223, 19.4070, 17.4109
YIQ	123.4000, 19.4850, 4.8050

# Conversions

## Conversions Part 2

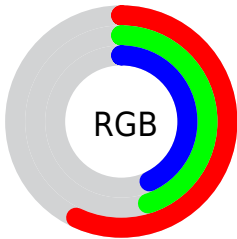
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 116, 110
Decimal	9532270
CIE <sub>Lab</sub>	51.16, 10.97, 7.24
CIE <sub>LCh</sub>	51, 13.139, 33.429
Yxy	19.4070, 0.3590, 0.3379
Android (android.graphics.Color)	4287722350 (0xFF91736E)
YUV	123.4000, -6.6062, 18.9432
Hunter-Lab	44.0534, 6.4660, 7.4046

# Details

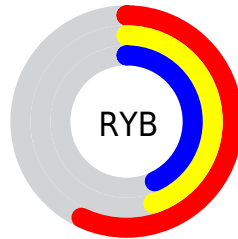
The Hex color **91736E** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6E8C91**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **C7A7A2**, and **5E433E** is the 20% darker color. If you saturate the color by 10%, you get **916760**, and if you desaturate by 10%, it is **917F7D**.

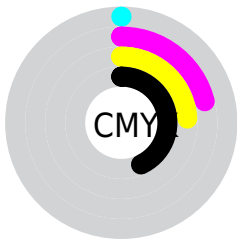
# Distribution



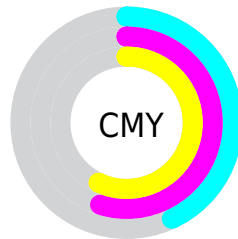
- Red (57%)
- Green (45%)
- Blue (43%)



- Red (57%)
- Yellow (45%)
- Blue (43%)



- Cyan (0%)
- Magenta (21%)
- Yellow (24%)
- Black (43%)



- Cyan (43%)
- Magenta (55%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91736E 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 91736E by changing the saturation by 10% instead.





91736E



91736E

FFFFFF



775A56



C7A7A2



5E433E



E4C2BD



462D29



FFDED8



2E1814



FFFBF5



1B0000



000000



91736E



91736E



916760



917F7D



915A51



918C8B

■ 914E43

■ 91989A

■ 914134

■ 91A5A8

■ 913526

■ 91B1B7

■ 912817

■ 91BEC5

■ 911C09

■ 91CAD4

■ 911500

■ 91D6E2

■ 91E3F1

# Harmonies

## Analogous

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



917279



91736E



8B7666

# Triad

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



91736E



687F70



6F7A90

# Complementary

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



91736E



6E8C91

# 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.



627E8E



91736E



5F807B

# Square

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



91736E



757D67



5C8086



7E778D

# Rectangle

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



91736E



857864



5C8086



6A7C90



# Sweetspot

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



91736E



BDB1AF



916E8C



5E5857



DEDEDE



5E5E5E



# Same Dimension

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



91736E



BD8E86



91846E



474140



871300



080100



# Inverse Universe

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



6E8C91



86B5BD



6E7B91



404647



007487



000708



# Previews

## White Background



This preview shows how the Hex color 91736E looks on a white background.

## Color Contrast Check

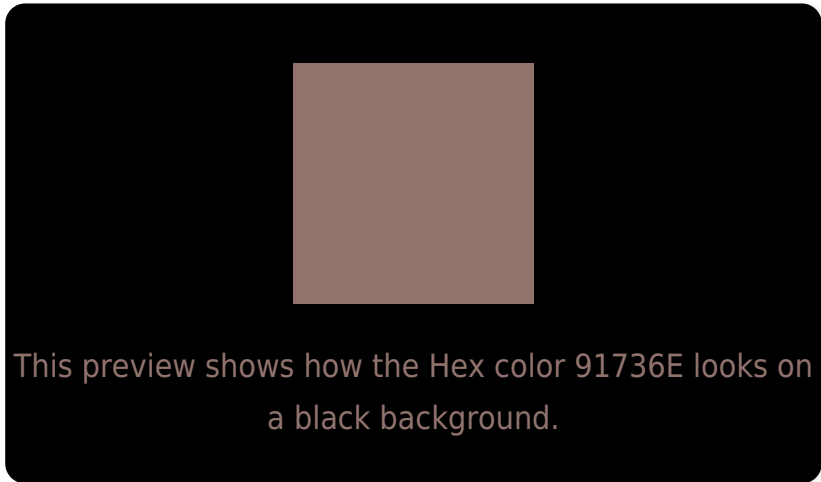
Large Text (above 18pt) WCAG AA ✓ Pass

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

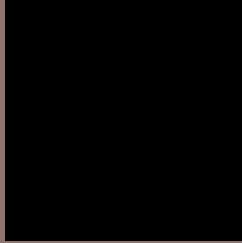
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 91736E Background



This preview shows how black text looks on a background with the Hex color 91736E.



This preview shows how white text looks on a background with the Hex color 91736E.

# 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**  
91736E

**Protanopia**  
7E7A72

**Deuteranopia**  
8A766D



**Tritanopia**  
92717A

# Trichromacy



**Original Color**  
91736E

**Protanomaly**  
857771

**Deuteranomaly**  
8D756D

**Tritanomaly**  
927276

# Monochromacy



**Original Color**  
91736E

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
837876

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91736E 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 #91736E looks like.

```
.text, #text, p{  
    color:#91736E  
}
```

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 #91736E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91736E
}
```

## Border

The CSS property to change the border of an element to Hex 91736E is called "border". The border property can be set on classes, ids or directly on the HTML element.

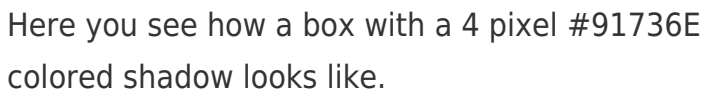
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#91736E }
```

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

```
.border{ border-color:#91736E }
```

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



Here you see how a box with a 4 pixel #91736E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91736E; -webkit-box-shadow:4px 4px  
4px 4px #91736E; box-shadow:4px 4px 4px  
4px #91736E }
```

# Background

The CSS property to change the background color of an element to Hex 91736E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91736E }
```

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

```
.background{ background-color:#91736E }
```

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