

# Converting Colors

Hex(936A62)

Have a look what the booklet for  
Hex(936A62) contains.

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**Color**

**Hex(936A62)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	936A62
RGB	147, 106, 98
RGB Percent	58%, 42%, 38%
CMY	0.4235, 0.5843, 0.6157
CMYK	0.00, 0.28, 0.33, 0.42
HSL	10°, 20%, 48%
HSV	10°, 33%, 58%
XYZ	19.3913, 17.3930, 13.8904
YIQ	117.3470, 27.0040, 6.2040

# Conversions

## Conversions Part 2

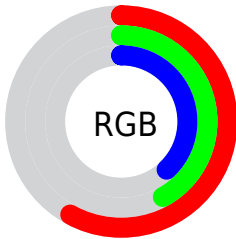
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 108, 98
Decimal	9661026
CIE <sub>Lab</sub>	48.75, 15.25, 10.96
CIE <sub>LCh</sub>	49, 18.776, 35.709
Yxy	17.3930, 0.3827, 0.3432
Android (android.graphics.Color)	4287851106 (0xFF936A62)
YUV	117.3470, -9.5381, 26.0057
Hunter-Lab	41.7049, 10.0126, 9.4460

# Details

The Hex color **936A62** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **628B93**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **CA9D95**, and **5F3A34** is the 20% darker color. If you saturate the color by 10%, you get **935E53**, and if you desaturate by 10%, it is **937671**.

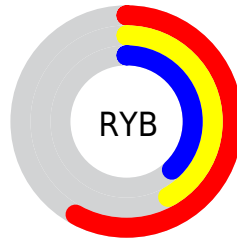
# Distribution



Red (58%)

Green (42%)

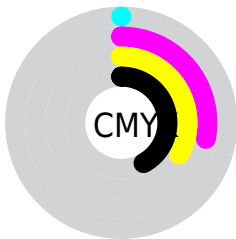
Blue (38%)



Red (58%)

Yellow (42%)

Blue (38%)

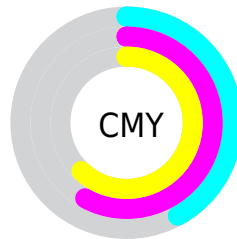


Cyan (0%)

Magenta (28%)

Yellow (33%)

Black (42%)



Cyan (42%)

Magenta (58%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 936A62 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 936A62 by changing the saturation by 10% instead.



 936A62

 936A62

FFFFFF

 79524A

 CA9D95

 5F3A34

 E7B8AF

 46241E

 FFD4CB

 2F1006

 FFF1E7

 160000

 000000

 936A62

 936A62

 935E53

 937671

 935145

 93837F

 934536

 938F8E

 933927

 939B9D

 932D19

 93A8AB

 93200A

 93B4BA

 931800

 93C0C9

 93CCD8

 93D9E6

# Harmonies

## Analogous

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



936871



936A62



8B6E57

# Triad

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



936A62



597C66



657493

# Complementary

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



936A62



628B93

# 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.



507990



936A62



4A7D76

# Square

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



936A62



6B785A



457C86



7A6F8E

# Rectangle

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



936A62



827254



457C86



5D7693



# Sweetspot

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



936A62



BFAFAC



93628C



615755



E0E0E0



616161



# Same Dimension

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



936A62



BF7F73



938262



4A4443



8A1600



0A0200



# Inverse Universe

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



628B93



73B3BF



627393



43494A



00738A



00090A



# Previews

## White Background



This preview shows how the Hex color 936A62 looks on a white background.

## Color Contrast Check

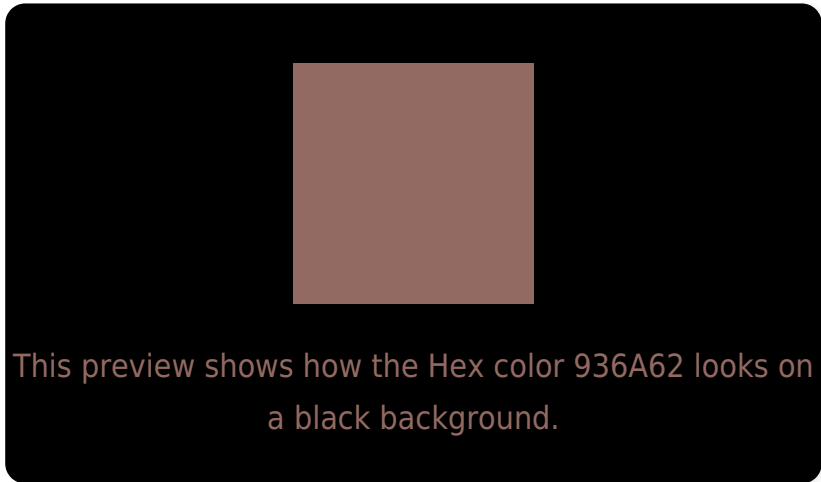
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

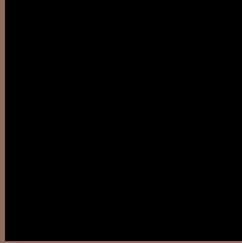
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 936A62 Background



This preview shows how black text looks on a background with the Hex color 936A62.

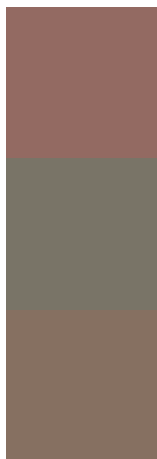


This preview shows how white text looks on a background with the Hex color 936A62.

# 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**  
936A62

**Protanopia**  
797467

**Deuteranopia**  
867061



**Tritanopia**  
946870

# Trichromacy



**Original Color**  
936A62

**Protanomaly**  
827065

**Deuteranomaly**  
8B6E61

**Tritanomaly**  
94696B

# Monochromacy



**Original Color**  
936A62

**Achromatopsia**  
757575

**Achromatomaly**  
80716E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 936A62 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 #936A62 looks like.

```
.text, #text, p{  
    color:#936A62  
}
```

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 #936A62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #936A62
}
```

## Border

The CSS property to change the border of an element to Hex 936A62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

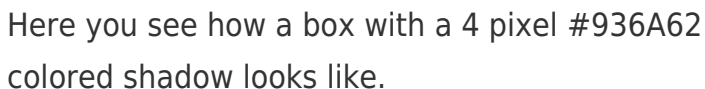
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#936A62 }
```

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

```
.border{ border-color:#936A62 }
```

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



Here you see how a box with a 4 pixel #936A62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #936A62; -webkit-box-shadow:4px 4px  
4px 4px #936A62; box-shadow:4px 4px 4px  
4px #936A62 }
```

# Background

The CSS property to change the background color of an element to Hex 936A62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#936A62 }
```

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

```
.background{ background-color:#936A62 }
```

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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