

# Converting Colors

Hex(904E68)

Have a look what the booklet for  
Hex(904E68) contains.

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# Color

**Hex(904E68)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	904E68
RGB	144, 78, 104
RGB Percent	56%, 31%, 41%
CMY	0.4353, 0.6941, 0.5922
CMYK	0.00, 0.46, 0.28, 0.44
HSL	336°, 30%, 44%
HSV	336°, 46%, 56%
XYZ	16.7247, 12.3775, 14.6043
YIQ	100.6980, 30.9900, 22.0780

# Conversions

## Conversions Part 2

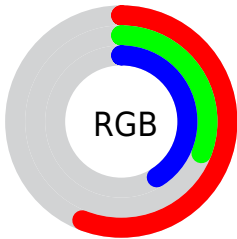
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">144, 78, 104</a>
Decimal	<a href="#">9457256</a>
CIELab	<a href="#">41.81, 31.00, -2.70</a>
CIElCh	<a href="#">42, 31.121, 355.014</a>
Yxy	<a href="#">12.3775, 0.3827, 0.2832</a>
Android (android.graphics.Color)	<a href="#">4287647336 (0xFF904E68)</a>
YUV	<a href="#">100.6980, 1.6279, 37.9759</a>
Hunter-Lab	<a href="#">35.1817, 23.2872, 0.0153</a>

# Details

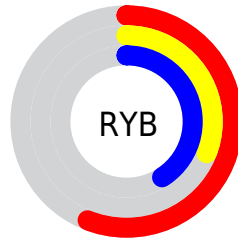
The Hex color **904E68** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4E9076**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **C7819B**, and **5B1E39** is the 20% darker color. If you saturate the color by 10%, you get **90405F**, and if you desaturate by 10%, it is **905C71**.

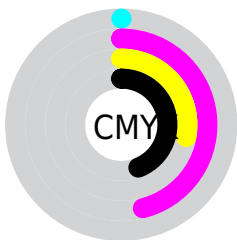
# Distribution



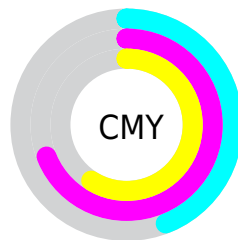
- Red (56%)
- Green (31%)
- Blue (41%)



- Red (56%)
- Yellow (31%)
- Blue (41%)



- Cyan (0%)
- Magenta (46%)
- Yellow (28%)
- Black (44%)



- Cyan (44%)
- Magenta (69%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 904E68 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 904E68 by changing the saturation by 10% instead.



904E68

904E68

FFFFFF

753650

C7819B

5B1E39

E49BB6

420424

FFB6D1

2D000E

FFD2EE

000000

FFEEFF

904E68

904E68

90405F

905C71

903157

906B79

90234E

907982

901445

90888B

90063C

909694

900039

90A49C

90B3A5

90C1AE

90D0B7

# Harmonies

## Analogous

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



7E5480



904E68



934F4E

# Triad

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



904E68



5D6833



006D8C

# Complementary

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



904E68



4E9076

# 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.



007077



904E68



3E6D44

# Square

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



904E68



76602F



0C705D



2E6795

# Rectangle

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



904E68



8E5440



0C705D



006E86



# Sweetspot

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



904E68



BAA0AA



764E90



5E4E55



DEDEDE



5E5E5E



# Same Dimension

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



904E68



BA547C



90554E



474043



870035



080003



# Inverse Universe

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



904E68



BA547C



4E8990



474043



870035

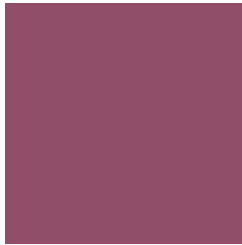


080003



# Previews

## White Background



This preview shows how the Hex color 904E68 looks on a white background.

## Color Contrast Check

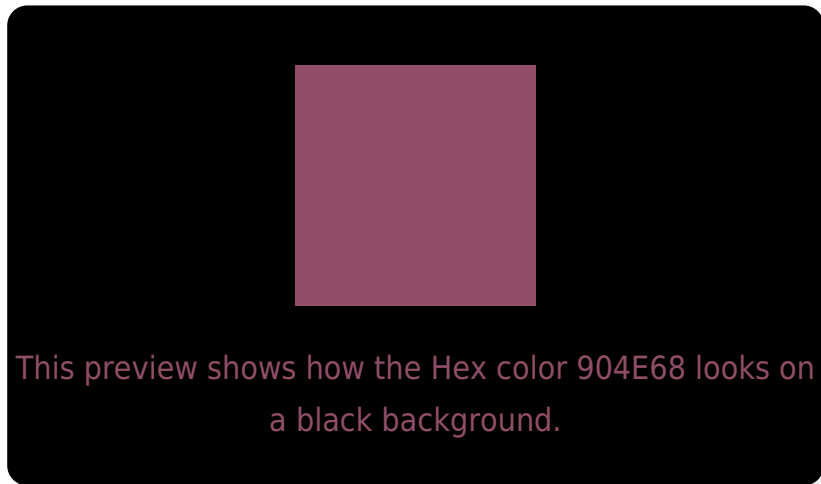
Large Text (above 18pt) WCAG AA ✓ Pass

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

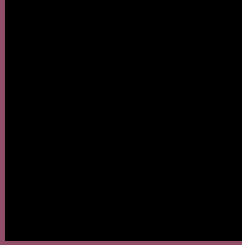
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 904E68 Background



This preview shows how black text looks on a background with the Hex color 904E68.



This preview shows how white text looks on a background with the Hex color 904E68.

# 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**  
904E68

**Protanopia**  
606275

**Deuteranopia**  
6C6065



**Tritanopia**  
8E5157

# Trichromacy



**Original Color**  
904E68

**Protanomaly**  
715B70

**Deuteranomaly**  
795966

**Tritanomaly**  
8F505D

# Monochromacy



**Original Color**  
904E68

**Achromatopsia**  
656565

**Achromatomaly**  
755D66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 904E68 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 #904E68 looks like.

```
.text, #text, p{  
    color:#904E68  
}
```

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 #904E68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #904E68
}
```

## Border

The CSS property to change the border of an element to Hex 904E68 is called "border". The border property can be set on classes, ids or directly on the HTML element.

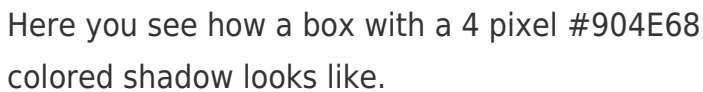
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#904E68 }
```

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

```
.border{ border-color:#904E68 }
```

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



Here you see how a box with a 4 pixel #904E68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #904E68; -webkit-box-shadow:4px 4px  
4px 4px #904E68; box-shadow:4px 4px 4px  
4px #904E68 }
```

# Background

The CSS property to change the background color of an element to Hex 904E68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#904E68 }
```

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

```
.background{ background-color:#904E68 }
```

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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