

# Converting Colors

Hex(948E86)

Have a look what the booklet for  
Hex(948E86) contains.

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# Color

Hex(948E86)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	948E86
RGB	148, 142, 134
RGB Percent	58%, 56%, 53%
CMY	0.4196, 0.4431, 0.4745
CMYK	0.00, 0.04, 0.09, 0.42
HSL	34°, 6%, 55%
HSV	34°, 9%, 58%
XYZ	26.1888, 27.3631, 26.4556
YIQ	142.8820, 6.1440, -1.2160

# Conversions

## Conversions Part 2

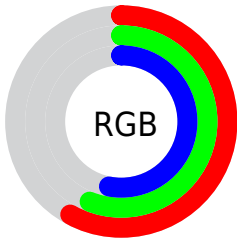
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 148, 134
Decimal	9735814
CIE <sub>Lab</sub>	59.31, 0.75, 5.04
CIE <sub>LCh</sub>	59, 5.098, 81.527
Yxy	27.3631, 0.3273, 0.3420
Android (android.graphics.Color)	4287925894 (0xFF948E86)
YUV	142.8820, -4.3788, 4.4885
Hunter-Lab	52.3098, -2.1763, 6.6310

# Details

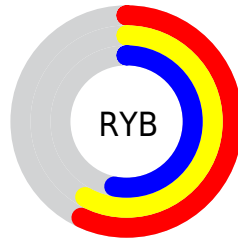
The Hex color **948E86** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **868C94**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **CAC4BB**, and **615C54** is the 20% darker color. If you saturate the color by 10%, you get **948877**, and if you desaturate by 10%, it is **949495**.

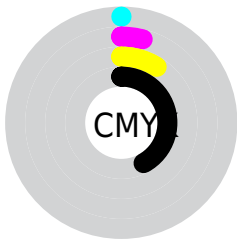
# Distribution



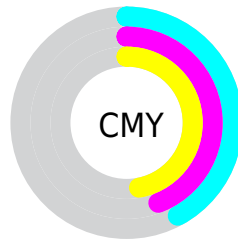
- Red (58%)
- Green (56%)
- Blue (53%)



- Red (57%)
- Yellow (58%)
- Blue (53%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (42%)



- Cyan (42%)
- Magenta (44%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 948E86 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 948E86 by changing the saturation by 10% instead.





948E86



948E86

FFFFFF



7A746D



CAC4BB



615C54



E6E0D7



4A443D



FFFCF3



332E28



1E1A13



000000



948E86



948E86



948877



949495



948168



949BA4

 947B5A

 94A1B2

 94754B

 94A7C1

 946E3C

 94AED0

 94682D

 94B4DF

 94621E

 94BAEE

 945B10

 94C1FC

 945501

 94C7FF

# Harmonies

## Analogous

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



988D88



948E86



8F8F86

# Triad

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



948E86



849192



948D94

# Complementary

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



948E86



868C94

# 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.



8E8E97



948E86



859196

# Square

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



948E86



86918D



899097



978C90

# Rectangle

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



948E86



8C9088



899097



928D95



# Sweetspot

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



948E86



BFBDBA



94868C



615F5D



E0E0E0



616161



# Same Dimension

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



948E86



BFB6AA



939486



4A4743



8A4F00



0A0600



# Inverse Universe

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



868C94



AAB3BF



878694



43464A



003B8A



00040A



# Previews

## White Background



This preview shows how the Hex color 948E86 looks on a white background.

## Color Contrast Check

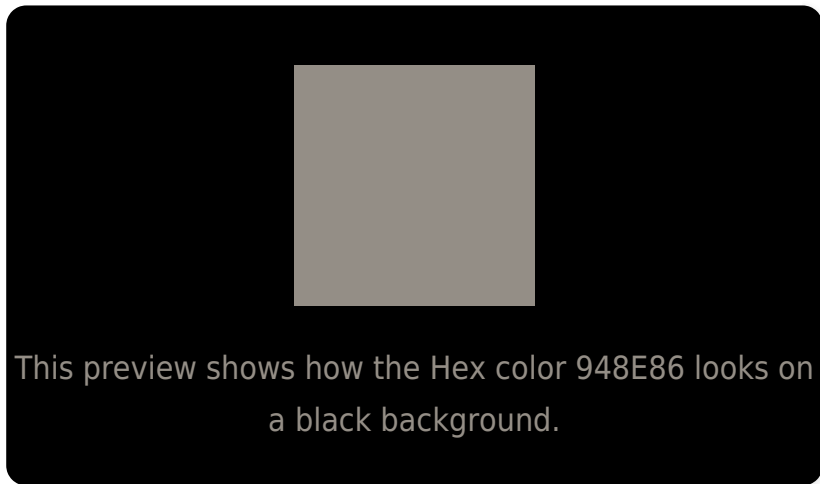
Large Text (above 18pt) WCAG AA ✓ Pass

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

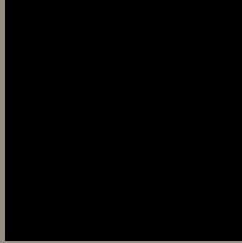
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

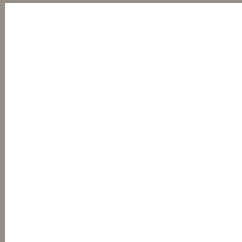
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 948E86 Background



This preview shows how black text looks on a background with the Hex color 948E86.



This preview shows how white text looks on a background with the Hex color 948E86.

# 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**

948E86

**Protanopia**

938E86

**Deuteranopia**

9F8A87



**Tritanopia**  
968C97

# Trichromacy



**Original Color**  
948E86

**Protanomaly**  
938E86

**Deuteranomaly**  
9B8B87

**Tritanomaly**  
958D91

# Monochromacy



**Original Color**  
948E86

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
918F8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 948E86 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 #948E86 looks like.

```
.text, #text, p{  
    color:#948E86  
}
```

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 #948E86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #948E86
}
```

## Border

The CSS property to change the border of an element to Hex 948E86 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
#948E86 }
```

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

```
.border{ border-color:#948E86 }
```

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

Here you see how a box with a 4 pixel #948E86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #948E86; -webkit-box-shadow:4px 4px  
4px 4px #948E86; box-shadow:4px 4px 4px  
4px #948E86 }
```

# Background

The CSS property to change the background color of an element to Hex 948E86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#948E86 }
```

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

```
.background{ background-color:#948E86 }
```

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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