

# Converting Colors

Hex(909E86)

Have a look what the booklet for  
Hex(909E86) contains.

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# **Color**

**Hex(909E86)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	909E86
RGB	144, 158, 134
RGB Percent	56%, 62%, 53%
CMY	0.4353, 0.3804, 0.4745
CMYK	0.09, 0.00, 0.15, 0.38
HSL	95°, 11%, 57%
HSV	95°, 15%, 62%
XYZ	28.0315, 32.1042, 27.2736
YIQ	151.0780, -0.6400, -10.4320

# Conversions

## Conversions Part 2

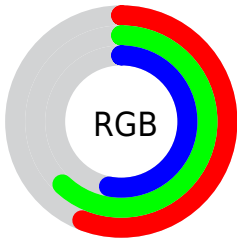
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 158, 148
Decimal	9477766
CIELab	63.43, -9.55, 10.87
CIElCh	63, 14.471, 131.290
Yxy	32.1042, 0.3207, 0.3673
Android (android.graphics.Color)	4287667846 (0xFF909E86)
YUV	151.0780, -8.4195, -6.2074
Hunter-Lab	56.6606, -10.8473, 11.1232

# Details

The Hex color **909E86** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **94869E**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **C6D5BB**, and **5E6B54** is the 20% darker color. If you saturate the color by 10%, you get **879E76**, and if you desaturate by 10%, it is **999E96**.

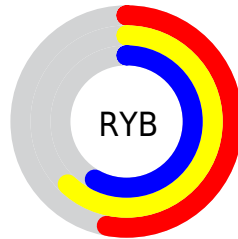
# Distribution



Red (56%)

Green (62%)

Blue (53%)



Red (53%)

Yellow (62%)

Blue (58%)

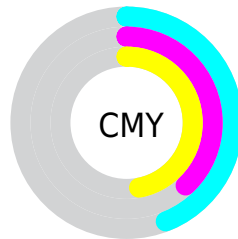


Cyan (9%)

Magenta (0%)

Yellow (15%)

Black (38%)



Cyan (44%)

Magenta (38%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 909E86 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 909E86 by changing the saturation by 10% instead.





909E86



909E86

FFFFFF



76846D



C6D5BB



5E6B54



E2F1D7



46523D



FFFFF3



2F3B27



1A2613



001200



000000



909E86



909E86



879E76



999E96

 7E9E66

 A29EA6

 749E57

 AC9EB5

 6B9E47

 B59EC5

 629E37

 BE9ED5

 599E27

 C79EE5

 4F9E17

 D19EF5

 469E08

 DA9EFF

 429E00

 E39EFF

# Harmonies

## Analogous

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



9F9A80



909E86



82A091

# Triad

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



909E86



829DB2



B59195

# Complementary

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



909E86



94869E

# 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.



AF92A2



909E86



9299B3

# Square

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



909E86



79A0AA



A295AD



B39289

# Rectangle

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



909E86



7BA19A



A295AD



B39199



# Sweetspot

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



909E86



C9CFC4



9E9486



656962



E8E8E8



696969



# Same Dimension

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



909E86



B9CFA9



869E88



4A4F47



3B8F00



060F00



# Inverse Universe

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



94869E



BFA9CF



9E869C



4C474F



53008F

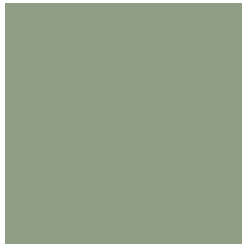


09000F



# Previews

## White Background



This preview shows how the Hex color 909E86 looks on a white background.

## Color Contrast Check

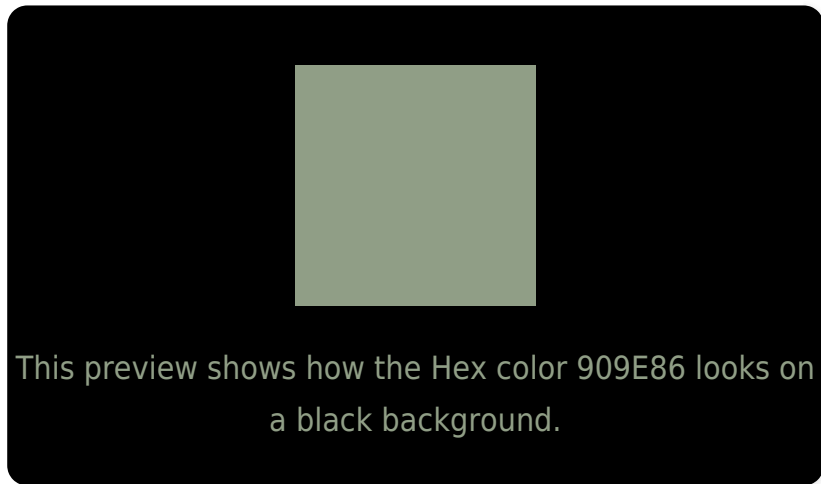
Large Text (above 18pt) WCAG AA × Fail

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

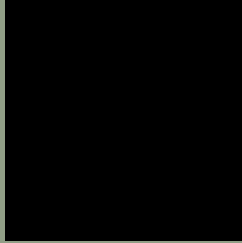
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 909E86 Background



This preview shows how black text looks on a background with the Hex color 909E86.

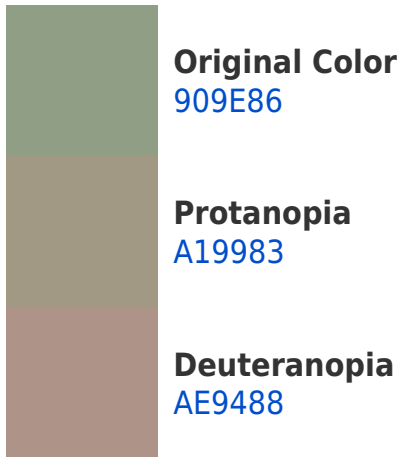


This preview shows how white text looks on a background with the Hex color 909E86.

# 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





**Tritanopia**  
959AA6

# Trichromacy



**Original Color**  
909E86

**Protanomaly**  
9B9B84

**Deuteranomaly**  
A39887

**Tritanomaly**  
939B9A

# Monochromacy



**Original Color**  
909E86

**Achromatopsia**  
979797

**Achromatomaly**  
949A91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 909E86 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 #909E86 looks like.

```
.text, #text, p{  
    color:#909E86  
}
```

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 #909E86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #909E86
}
```

## Border

The CSS property to change the border of an element to Hex 909E86 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
#909E86 }
```

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

```
.border{ border-color:#909E86 }
```

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

Here you see how a box with a 4 pixel #909E86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #909E86; -webkit-box-shadow:4px 4px  
4px 4px #909E86; box-shadow:4px 4px 4px  
4px #909E86 }
```

# Background

The CSS property to change the background color of an element to Hex 909E86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#909E86 }
```

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

```
.background{ background-color:#909E86 }
```

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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