

# Converting Colors

Hex(9F8862)

Have a look what the booklet for  
Hex(9F8862) contains.

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**Color**

**Hex(9F8862)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F8862
RGB	159, 136, 98
RGB Percent	62%, 53%, 38%
CMY	0.3765, 0.4667, 0.6157
CMYK	0.00, 0.14, 0.38, 0.38
HSL	37°, 24%, 50%
HSV	37°, 38%, 62%
XYZ	25.3068, 25.8611, 15.2131
YIQ	138.5450, 25.9060, -6.9420

# Conversions

## Conversions Part 2

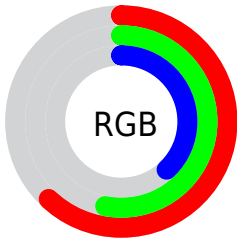
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 159, 98
Decimal	10455138
CIE <sub>Lab</sub>	57.90, 3.11, 23.64
CIE <sub>LCh</sub>	58, 23.845, 82.509
Yxy	25.8611, 0.3812, 0.3896
Android (android.graphics.Color)	4288645218 (0xFF9F8862)
YUV	138.5450, -19.9887, 17.9390
Hunter-Lab	50.8538, -0.1656, 17.8608

# Details

The Hex color **9F8862** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **62799F**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **D7BD95**, and **6A5633** is the 20% darker color. If you saturate the color by 10%, you get **9F8252**, and if you desaturate by 10%, it is **9F8E72**.

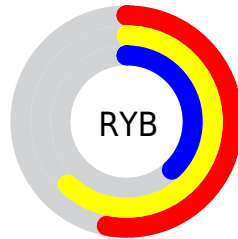
# Distribution



Red (62%)

Green (53%)

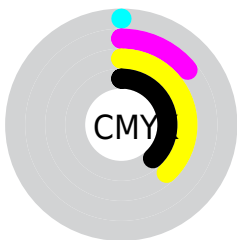
Blue (38%)



Red (53%)

Yellow (62%)

Blue (38%)

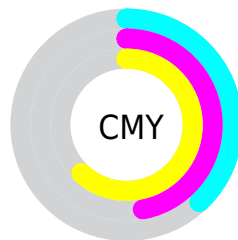


Cyan (0%)

Magenta (14%)

Yellow (38%)

Black (38%)



Cyan (38%)

Magenta (47%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F8862 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 9F8862 by changing the saturation by 10% instead.





9F8862



9F8862

FFFFFF



846F4A



D7BD95



6A5633



F3D9B0



513F1D



FFF5CB



392905



FFFFE8



221500



000000



9F8862



9F8862



9F8252



9F8E72



9F7C42



9F9482

 9F7632

 9F9A92

 9F7022

 9FA0A2

 9F6A12

 9FA6B2

 9F6403

 9FACC1

 9F6300

 9FB2D1

 9FB8E1

 9FBEF1

# Harmonies

## Analogous

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



AF816B



9F8862



8A8F64

# Triad

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



9F8862



4C979A



A181A5

# Complementary

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



9F8862



62799F

# 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.



8788B1



9F8862



5194AC

# Square

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



9F8862



5B9685



698FB4



B17C91

# Rectangle

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



9F8862



7A926C



698FB4



9983AA



# Sweetspot

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



9F8862



CFC5B6



9F6279



69635A



E8E8E8



696969



# Same Dimension

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



9F8862



CFAB70



989F62



4F4C47



8F5900



0F0A00



# Inverse Universe

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



62799F



7093CF



69629F



474A4F



00368F



00060F



# Previews

## White Background



This preview shows how the Hex color 9F8862 looks on a white background.

## Color Contrast Check

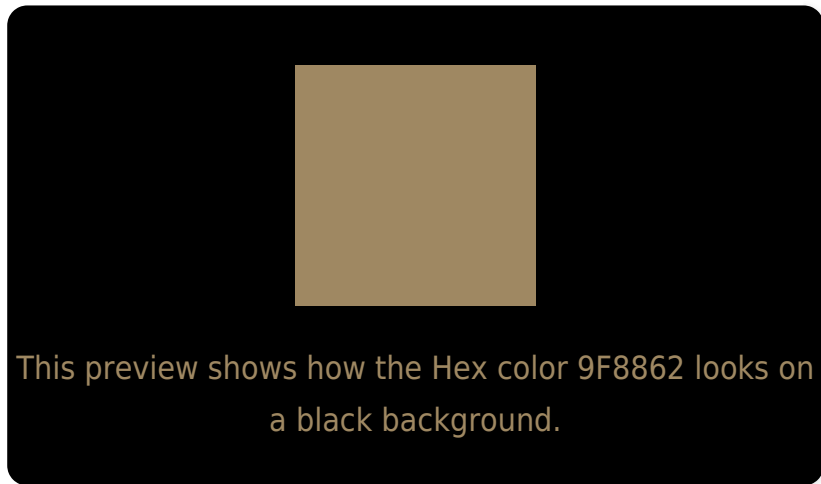
Large Text (above 18pt) WCAG AA ✓ Pass

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

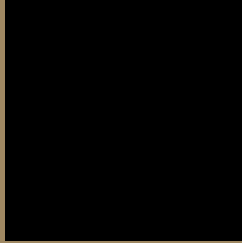
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9F8862 Background



This preview shows how black text looks on a background with the Hex color 9F8862.



This preview shows how white text looks on a background with the Hex color 9F8862.

# 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**  
9F8862

**Protanopia**  
968B63

**Deuteranopia**  
A68563



**Tritanopia**  
A3828D

# Trichromacy



**Original Color**  
9F8862

**Protanomaly**  
998A63

**Deuteranomaly**  
A38663

**Tritanomaly**  
A2847D

# Monochromacy



**Original Color**  
9F8862

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
928A7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F8862 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 #9F8862 looks like.

```
.text, #text, p{  
    color:#9F8862  
}
```

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 #9F8862 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F8862
}
```

## Border

The CSS property to change the border of an element to Hex 9F8862 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
#9F8862 }
```

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

```
.border{ border-color:#9F8862 }
```

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

Here you see how a box with a 4 pixel #9F8862 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F8862; -webkit-box-shadow:4px 4px  
4px 4px #9F8862; box-shadow:4px 4px 4px  
4px #9F8862 }
```

# Background

The CSS property to change the background color of an element to Hex 9F8862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F8862 }
```

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

```
.background{ background-color:#9F8862 }
```

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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