

# Converting Colors

Hex(9C9378)

Have a look what the booklet for  
Hex(9C9378) contains.

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**Color**

**Hex(9C9378)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C9378
RGB	156, 147, 120
RGB Percent	61%, 58%, 47%
CMY	0.3882, 0.4235, 0.5294
CMYK	0.00, 0.06, 0.23, 0.39
HSL	45°, 15%, 54%
HSV	45°, 23%, 61%
XYZ	27.5342, 29.2914, 21.9719
YIQ	146.6130, 14.0310, -6.4890

# Conversions

## Conversions Part 2

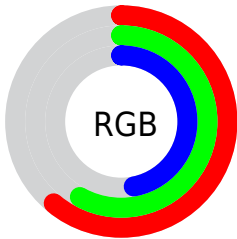
<b>Format</b>	<b>Color</b>
<b>RYB</b>	132, 156, 120
Decimal	10261368
CIELab	61.04, -1.22, 15.51
CIElCh	61, 15.563, 94.506
Yxy	29.2914, 0.3494, 0.3717
Android (android.graphics.Color)	4288451448 (0xFF9C9378)
YUV	146.6130, -13.1202, 8.2324
Hunter-Lab	54.1216, -3.9013, 13.8149

# Details

The Hex color **9C9378** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **78819C**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **D3C9AC**, and **686147** is the 20% darker color. If you saturate the color by 10%, you get **9C8F68**, and if you desaturate by 10%, it is **9C9788**.

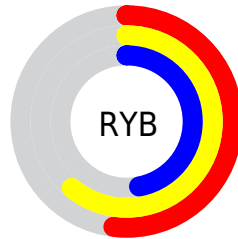
# Distribution



Red (61%)

Green (58%)

Blue (47%)



Red (52%)

Yellow (61%)

Blue (47%)

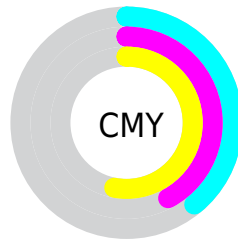


Cyan (0%)

Magenta (6%)

Yellow (23%)

Black (39%)



Cyan (39%)

Magenta (42%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C9378 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 9C9378 by changing the saturation by 10% instead.



 9C9378

 9C9378

FFFFFF

 82795F

 D3C9AC

 686147

 EFE5C8

 504931

 FFFFE4

 39321C

 231D02

 030500

 000000

 9C9378

 9C9378

 9C8F68

 9C9788

 9C8B59

 9C9B97

 9C8749

 9C9FA7

 9C833A

 9CA3B6

 9C7F2A

 9CA7C6

 9C7C1A

 9CAAD6

 9C780B

 9CAEE5

 9C7500

 9CB2F5

 9CB6FF

# Harmonies

## Analogous

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



A88E7B



9C9378



8D977C

# Triad

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



9C9378



6F9BA2



A78B9F

# Complementary

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



9C9378



78819C

# 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.



988FAA



9C9378



7798AC

# Square

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



9C9378



729B95



8794AE



AF8A92

# Rectangle

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



9C9378



829983



8794AE



A38CA3



# Sweetspot

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



9C9378



CCC8BE



9C7882



66645E



E6E6E6



666666



# Same Dimension

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



9C9378



CCBE93



949C78



4F4D47



8F6B00



0F0B00



# Inverse Universe

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



78819C



93A1CC



80789C



47494F



00248F



00040F



# Previews

## White Background



This preview shows how the Hex color 9C9378 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

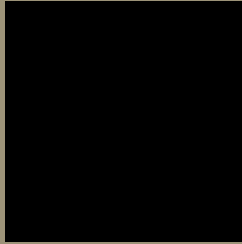
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

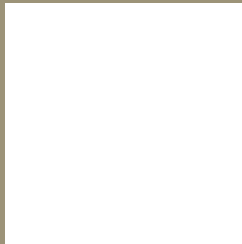
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9C9378 Background



This preview shows how black text looks on a background with the Hex color 9C9378.



This preview shows how white text looks on a background with the Hex color 9C9378.

# 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**  
9C9378

**Protanopia**  
9C9378

**Deuteranopia**  
AB8E79



**Tritanopia**  
A08E9A

# Trichromacy



**Original Color**  
9C9378

**Protanomaly**  
9C9378

**Deuteranomaly**  
A69079

**Tritanomaly**  
9F908E

# Monochromacy



**Original Color**  
9C9378

**Achromatopsia**  
939393

**Achromatomaly**  
969389

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C9378 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 #9C9378 looks like.

```
.text, #text, p{  
    color:#9C9378  
}
```

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 #9C9378 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C9378
}
```

## Border

The CSS property to change the border of an element to Hex 9C9378 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
#9C9378 }
```

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

```
.border{ border-color:#9C9378 }
```

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

Here you see how a box with a 4 pixel #9C9378 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C9378; -webkit-box-shadow:4px 4px  
4px 4px #9C9378; box-shadow:4px 4px 4px  
4px #9C9378 }
```

# Background

The CSS property to change the background color of an element to Hex 9C9378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C9378 }
```

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

```
.background{ background-color:#9C9378 }
```

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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