

# Converting Colors

Hex(9E9066)

Have a look what the booklet for  
Hex(9E9066) contains.

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**Color**

**Hex(9E9066)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E9066
RGB	158, 144, 102
RGB Percent	62%, 56%, 40%
CMY	0.3804, 0.4353, 0.6000
CMYK	0.00, 0.09, 0.35, 0.38
HSL	45°, 22%, 51%
HSV	45°, 35%, 62%
XYZ	26.4721, 28.1749, 16.6134
YIQ	143.3980, 21.8260, -10.0940

# Conversions

## Conversions Part 2

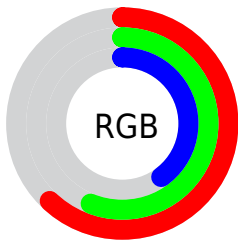
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 158, 102
Decimal	10391654
CIELab	60.05, -1.26, 24.24
CIELCh	60, 24.275, 92.972
Yxy	28.1749, 0.3715, 0.3954
Android (android.graphics.Color)	4288581734 (0xFF9E9066)
YUV	143.3980, -20.4092, 12.8060
Hunter-Lab	53.0801, -3.8686, 18.5990

# Details

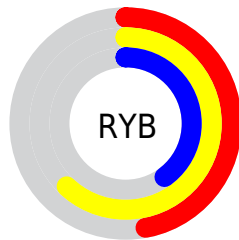
The Hex color **9E9066** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **66749E**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **D5C699**, and **6A5E36** is the 20% darker color. If you saturate the color by 10%, you get **9E8C56**, and if you desaturate by 10%, it is **9E9476**.

# Distribution



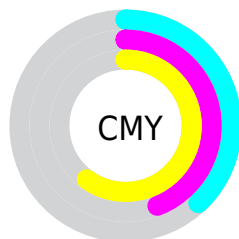
- Red (62%)
- Green (56%)
- Blue (40%)



- Red (47%)
- Yellow (62%)
- Blue (40%)



- Cyan (0%)
- Magenta (9%)
- Yellow (35%)
- Black (38%)



- Cyan (38%)
- Magenta (44%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E9066 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 9E9066 by changing the saturation by 10% instead.



 9E9066

 9E9066

FFFFFF

 83764E

 D5C699

 6A5E36

 F2E2B4

 514620

 FFFED0

 39300A

 FFFFEC

 221B00

 000000

 9E9066

 9E9066

 9E8C56

 9E9476

 9E8846

 9E9886

 9E8437

 9E9C95

 9E8027

 9EA0A5

 9E7C17

 9EA4B5

 9E7807

 9EA8C5

 9E7600

 9EACD5

 9EB0E4

 9EB4F4

# Harmonies

## Analogous

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



B0896B



9E9066



87966C

# Triad

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



9E9066



4F9CA7



AE84A5

# Complementary

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



9E9066



66749E

# 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.



978AB5



9E9066



5C98B6

# Square

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



9E9066



589D92



7992BB



BA818F

# Rectangle

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



9E9066



769A76



7992BB



A786AB



# Sweetspot

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



9E9066



CFC9B8



9E6674



69655B



E8E8E8



696969



# Same Dimension

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



9E9066



CFB876



909E66



4F4D47



8F6B00



0F0B00



# Inverse Universe

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



66749E



768CCF



74669E



47494F



00248F



00040F



# Previews

## White Background



This preview shows how the Hex color 9E9066 looks on a white background.

## Color Contrast Check

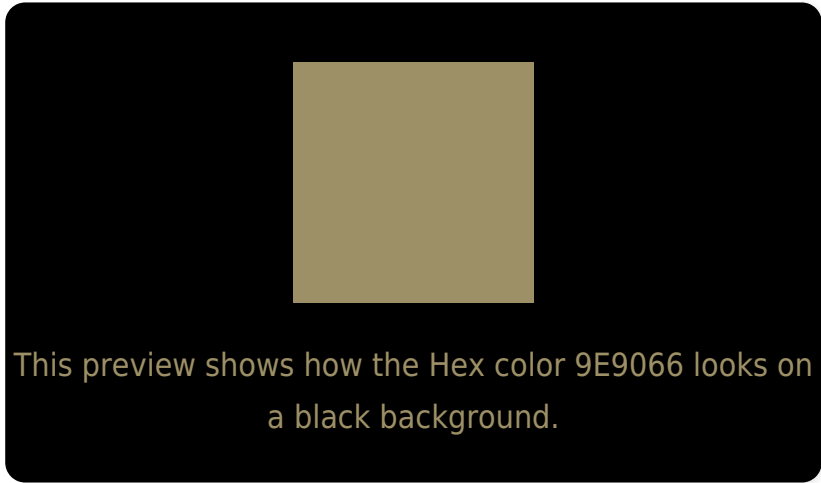
Large Text (above 18pt) WCAG AA ✓ Pass

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

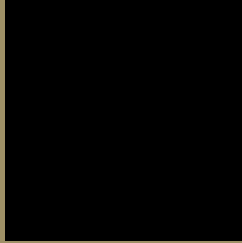
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9E9066 Background



This preview shows how black text looks on a background with the Hex color 9E9066.



This preview shows how white text looks on a background with the Hex color 9E9066.

# 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**  
9E9066

**Protanopia**  
9C9166

**Deuteranopia**  
AC8B67



**Tritanopia**  
A38A95

# Trichromacy



**Original Color**  
9E9066

**Protanomaly**  
9D9166

**Deuteranomaly**  
A78D67

**Tritanomaly**  
A18C84

# Monochromacy



**Original Color**  
9E9066

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
948F80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E9066 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 #9E9066 looks like.

```
.text, #text, p{  
    color:#9E9066  
}
```

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 #9E9066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E9066
}
```

## Border

The CSS property to change the border of an element to Hex 9E9066 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
#9E9066 }
```

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

```
.border{ border-color:#9E9066 }
```

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

Here you see how a box with a 4 pixel #9E9066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E9066; -webkit-box-shadow:4px 4px  
4px 4px #9E9066; box-shadow:4px 4px 4px  
4px #9E9066 }
```

# Background

The CSS property to change the background color of an element to Hex 9E9066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E9066 }
```

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

```
.background{ background-color:#9E9066 }
```

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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