

# Converting Colors

Hex(9E9364)

Have a look what the booklet for  
Hex(9E9364) contains.

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**Color**

**Hex(9E9364)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E9364
RGB	158, 147, 100
RGB Percent	62%, 58%, 39%
CMY	0.3804, 0.4235, 0.6078
CMYK	0.00, 0.07, 0.37, 0.38
HSL	49°, 23%, 51%
HSV	49°, 37%, 62%
XYZ	26.8345, 29.0566, 16.2508
YIQ	144.9310, 21.6430, -12.2850

# Conversions

## Conversions Part 2

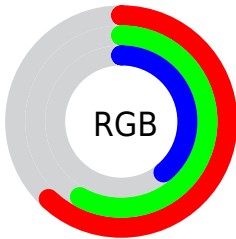
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 158, 100
Decimal	10392420
CIELab	60.83, -3.16, 26.38
CIELCh	61, 26.568, 96.830
Yxy	29.0566, 0.3720, 0.4028
Android (android.graphics.Color)	4288582500 (0xFF9E9364)
YUV	144.9310, -22.1510, 11.4615
Hunter-Lab	53.9042, -5.4717, 19.8585

# Details

The Hex color **9E9364** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **646F9E**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **D5C997**, and **696134** is the 20% darker color. If you saturate the color by 10%, you get **9E9054**, and if you desaturate by 10%, it is **9E9674**.

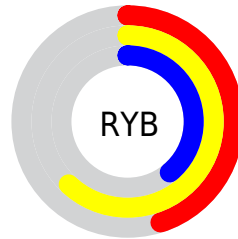
# Distribution



Red (62%)

Green (58%)

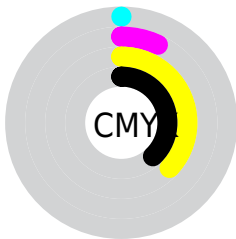
Blue (39%)



Red (45%)

Yellow (62%)

Blue (39%)

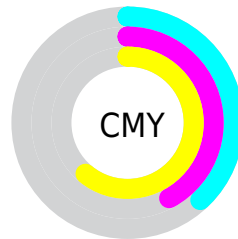


Cyan (0%)

Magenta (7%)

Yellow (37%)

Black (38%)



Cyan (38%)

Magenta (42%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E9364 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 9E9364 by changing the saturation by 10% instead.





9E9364



9E9364

FFFFFF



83794C



D5C997



696134



F2E5B2



51491E



FFFFCE



393307



FFFFEA



221E00



000500



000000



9E9364



9E9364



9E9054



9E9674

 9E8D44

 9E9984

 9E8A35

 9E9C93

 9E8725

 9E9FA3

 9E8415

 9EA2B3

 9E8105

 9EA5C3

 9E8000

 9EA8D3

 9EABE2

 9EAEF2

# Harmonies

## Analogous

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



B38B68



9E9364



849A6D

# Triad

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



9E9364



489EAE



B584A6

# Complementary

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



9E9364



646F9E

# 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.



9D8BB8



9E9364



5B9ABD

# Square

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



9E9364



51A097



7C93C1



C1818E

# Rectangle

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



9E9364



729D78



7C93C1



AE86AD



# Sweetspot

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



9E9364



CFCAB8



9E6470



69665B



E8E8E8



696969



# Same Dimension

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



9E9364



CFBD74



8D9E64



4F4E47



8F7400



0F0C00



# Inverse Universe

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



646F9E



7485CF



75649E



47494F



001B8F



00030F



# Previews

## White Background



This preview shows how the Hex color 9E9364 looks on a white background.

## Color Contrast Check

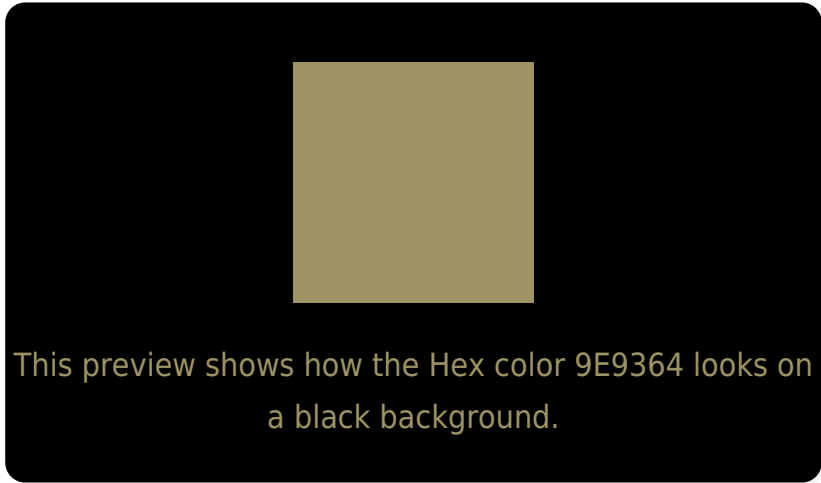
Large Text (above 18pt) WCAG AA ✓ Pass

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

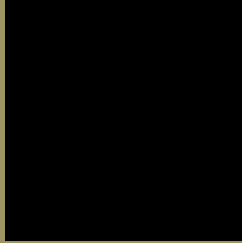
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9E9364 Background



This preview shows how black text looks on a background with the Hex color 9E9364.



This preview shows how white text looks on a background with the Hex color 9E9364.

# 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**  
9E9364

**Protanopia**  
9F9364

**Deuteranopia**  
AF8C65



**Tritanopia**  
A48C97

# Trichromacy



**Original Color**  
9E9364

**Protanomaly**  
9F9364

**Deuteranomaly**  
A98F65

**Tritanomaly**  
A28F84

# Monochromacy



**Original Color**  
9E9364

**Achromatopsia**  
919191

**Achromatomaly**  
969281

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E9364 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 #9E9364 looks like.

```
.text, #text, p{  
    color:#9E9364  
}
```

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 #9E9364 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E9364
}
```

## Border

The CSS property to change the border of an element to Hex 9E9364 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
#9E9364 }
```

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

```
.border{ border-color:#9E9364 }
```

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

Here you see how a box with a 4 pixel #9E9364 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E9364; -webkit-box-shadow:4px 4px  
4px 4px #9E9364; box-shadow:4px 4px 4px  
4px #9E9364 }
```

# Background

The CSS property to change the background color of an element to Hex 9E9364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E9364 }
```

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

```
.background{ background-color:#9E9364 }
```

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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