

# Converting Colors

Hex(9F8244)

Have a look what the booklet for  
Hex(9F8244) contains.

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**Color**

**Hex(9F8244)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F8244
RGB	159, 130, 68
RGB Percent	62%, 51%, 27%
CMY	0.3765, 0.4902, 0.7333
CMYK	0.00, 0.18, 0.57, 0.38
HSL	41°, 40%, 45%
HSV	41°, 57%, 62%
XYZ	23.3241, 23.7535, 8.8244
YIQ	131.6030, 37.1860, -13.1340

# Conversions

## Conversions Part 2

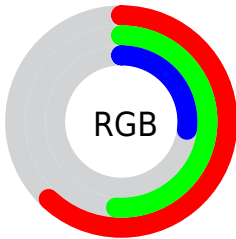
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 159, 68
Decimal	10453572
CIE Lab	55.84, 3.38, 37.31
CIE LCh	56, 37.464, 84.826
Yxy	23.7535, 0.4172, 0.4249
Android (android.graphics.Color)	4288643652 (0xFF9F8244)
YUV	131.6030, -31.3563, 24.0272
Hunter-Lab	48.7376, 0.1330, 23.3813

# Details

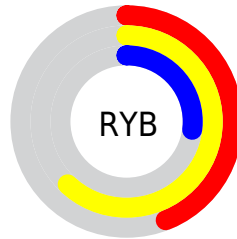
The Hex color **9F8244** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **44619F**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **D8B776**, and **695114** is the 20% darker color. If you saturate the color by 10%, you get **9F7D34**, and if you desaturate by 10%, it is **9F8754**.

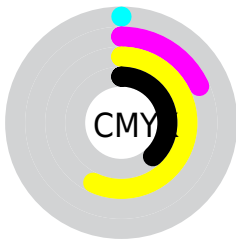
# Distribution



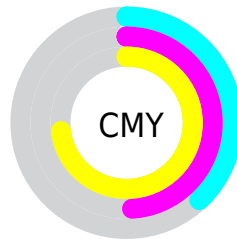
- Red (62%)
- Green (51%)
- Blue (27%)



- Red (44%)
- Yellow (62%)
- Blue (27%)



- Cyan (0%)
- Magenta (18%)
- Yellow (57%)
- Black (38%)



- Cyan (38%)
- Magenta (49%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F8244 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 9F8244 by changing the saturation by 10% instead.





9F8244



9F8244

FFFFFF



84692C



D8B776



695114



F5D290



4F3A00



FFEFAB



362500



FFFFC6



1E1000



FFFEE3



000000



9F8244



9F8244



9F7D34



9F8754



9F7824



9F8C64

 9F7314

 9F9174

 9F6E04

 9F9684

 9F6C00

 9F9B94

 9FA0A3

 9FA5B3

 9FABC3

 9FB0D3

# Harmonies

## Analogous

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



B77652



9F8244



7F8C49

# Triad

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



9F8244



0096A0



A973AC

# Complementary

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



9F8244



44619F

# 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.



807FC1



9F8244



0093BA

# Square

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



9F8244



1F967F



458BC6



C06C8D

# Rectangle

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



9F8244



669156



458BC6



9D77B4



# Sweetspot

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



9F8244



CFC3AB



9F4462



696254



E8E8E8



696969



# Same Dimension

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



9F8244



CFA140



909F44



4F4D47



8F6100



0F0A00



# Inverse Universe

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



44619F



406DCF



53449F



474A4F



002E8F



00050F



# Previews

## White Background



This preview shows how the Hex color 9F8244 looks on a white background.

## Color Contrast Check

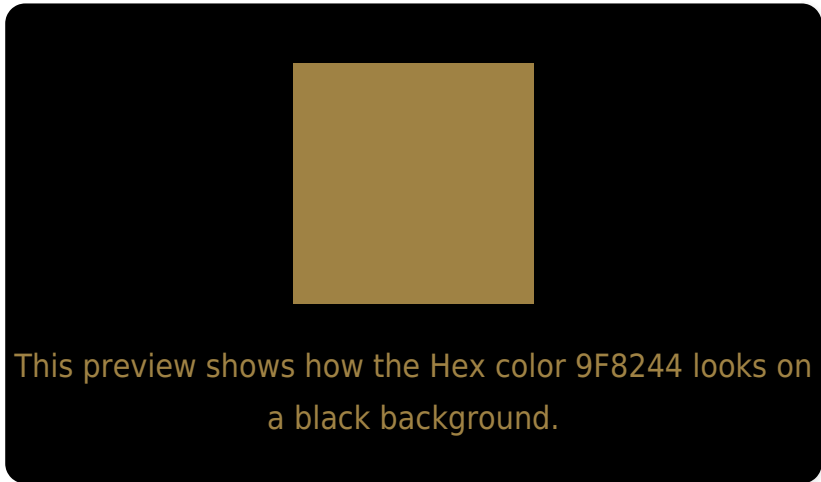
Large Text (above 18pt) WCAG AA ✓ Pass

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

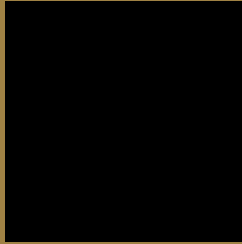
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9F8244 Background



This preview shows how black text looks on a background with the Hex color 9F8244.



This preview shows how white text looks on a background with the Hex color 9F8244.

# 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**  
9F8244

**Protanopia**  
948645

**Deuteranopia**  
A58045



**Tritanopia**  
A47B84

# Trichromacy



**Original Color**  
9F8244

**Protanomaly**  
988545

**Deuteranomaly**  
A38145

**Tritanomaly**  
A27E6D

# Monochromacy



**Original Color**  
9F8244

**Achromatopsia**  
848484

**Achromatomaly**  
8E836D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F8244 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 #9F8244 looks like.

```
.text, #text, p{  
    color:#9F8244  
}
```

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 #9F8244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F8244
}
```

## Border

The CSS property to change the border of an element to Hex 9F8244 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
#9F8244 }
```

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

```
.border{ border-color:#9F8244 }
```

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

Here you see how a box with a 4 pixel #9F8244 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F8244; -webkit-box-shadow:4px 4px  
4px 4px #9F8244; box-shadow:4px 4px 4px  
4px #9F8244 }
```

# Background

The CSS property to change the background color of an element to Hex 9F8244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F8244 }
```

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

```
.background{ background-color:#9F8244 }
```

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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