

# Converting Colors

Hex(9F8553)

Have a look what the booklet for  
Hex(9F8553) contains.

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**Color**

**Hex(9F8553)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F8553
RGB	159, 133, 83
RGB Percent	62%, 52%, 33%
CMY	0.3765, 0.4784, 0.6745
CMYK	0.00, 0.16, 0.48, 0.38
HSL	39°, 31%, 47%
HSV	39°, 48%, 62%
XYZ	24.2469, 24.7705, 11.6869
YIQ	135.0740, 31.5460, -10.0380

# Conversions

## Conversions Part 2

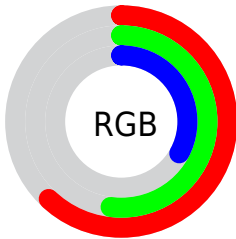
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 159, 83
Decimal	10454355
CIE <sub>Lab</sub>	56.85, 3.10, 30.56
CIE <sub>LCh</sub>	57, 30.714, 84.214
Yxy	24.7705, 0.3994, 0.4081
Android (android.graphics.Color)	4288644435 (0xFF9F8553)
YUV	135.0740, -25.6725, 20.9831
Hunter-Lab	49.7700, -0.1359, 20.9167

# Details

The Hex color **9F8553** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **536D9F**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **D7BA85**, and **6A5424** is the 20% darker color. If you saturate the color by 10%, you get **9F8043**, and if you desaturate by 10%, it is **9F8A63**.

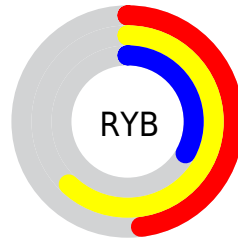
# Distribution



Red (62%)

Green (52%)

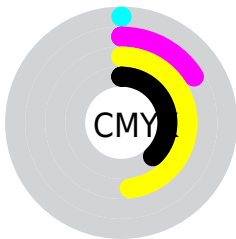
Blue (33%)



Red (48%)

Yellow (62%)

Blue (33%)

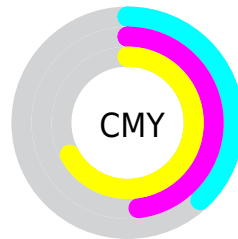


Cyan (0%)

Magenta (16%)

Yellow (48%)

Black (38%)



Cyan (38%)

Magenta (48%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F8553 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 9F8553 by changing the saturation by 10% instead.





9F8553



9F8553

FFFFFF



846C3B



D7BA85



6A5424



F4D6A0



503D0E



FFF2BB



382700



FFFFD7



201300



FFFFFF3



000000



9F8553



9F8553



9F8043



9F8A63



9F7A33



9F9073

 9F7523

 9F9583

 9F6F13

 9F9B93

 9F6A03

 9FA0A3

 9F6900

 9FA6B2

 9FABC2

 9FB1D2

 9FB6E2

# Harmonies

## Analogous

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



B37C5E



9F8553



848D57

# Triad

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



9F8553



23969D



A57AA8

# Complementary

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



9F8553



536D9F

# 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.



8483B9



9F8553



2E93B3

# Square

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



9F8553



439782



5A8DBD



B9748F

# Rectangle

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



9F8553



709261



5A8DBD



9C7DAF



# Sweetspot

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



9F8553



CFC5B2



9F536E



696257



E8E8E8



696969



# Same Dimension

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



9F8553



CFA659



949F53



4F4C47



8F5E00



0F0A00



# Inverse Universe

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



536D9F



5981CF



5E539F



474A4F



00318F

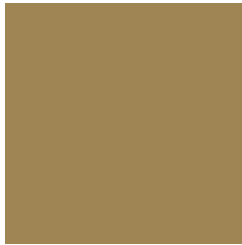


00050F



# Previews

## White Background



This preview shows how the Hex color 9F8553 looks on a white background.

## Color Contrast Check

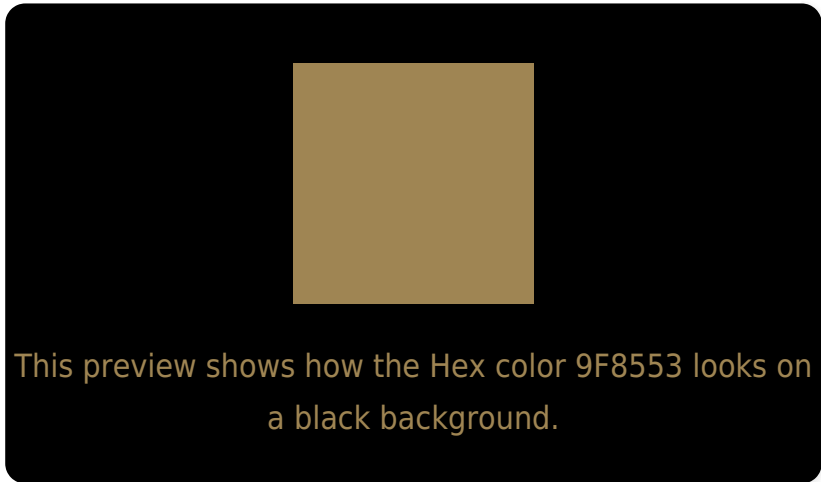
Large Text (above 18pt) WCAG AA ✓ Pass

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

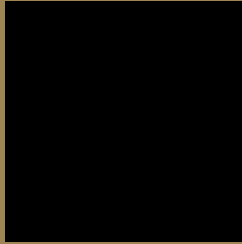
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9F8553 Background



This preview shows how black text looks on a background with the Hex color 9F8553.



This preview shows how white text looks on a background with the Hex color 9F8553.

# 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**  
9F8553

**Protanopia**  
958954

**Deuteranopia**  
A58254



**Tritanopia**  
A47F88

# Trichromacy



**Original Color**  
9F8553

**Protanomaly**  
998854

**Deuteranomaly**  
A38354

**Tritanomaly**  
A28175

# Monochromacy



**Original Color**  
9F8553

**Achromatopsia**  
878787

**Achromatomaly**  
908674

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F8553 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 #9F8553 looks like.

```
.text, #text, p{  
    color:#9F8553  
}
```

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 #9F8553 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F8553  
}
```

## Border

The CSS property to change the border of an element to Hex 9F8553 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  
#9F8553 }
```

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

```
.border{ border-color:#9F8553 }
```

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

Here you see how a box with a 4 pixel #9F8553 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F8553; -webkit-box-shadow:4px 4px  
4px 4px #9F8553; box-shadow:4px 4px 4px  
4px #9F8553 }
```

# Background

The CSS property to change the background color of an element to Hex 9F8553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F8553 }
```

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

```
.background{ background-color:#9F8553 }
```

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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