

# Converting Colors

Hex(9F995E)

Have a look what the booklet for  
Hex(9F995E) contains.

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# **Color**

**Hex(9F995E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F995E
RGB	159, 153, 94
RGB Percent	62%, 60%, 37%
CMY	0.3765, 0.4000, 0.6314
CMYK	0.00, 0.04, 0.41, 0.38
HSL	54°, 26%, 50%
HSV	54°, 41%, 62%
XYZ	27.7097, 30.9615, 15.1054
YIQ	148.0680, 22.5150, -17.0770

# Conversions

## Conversions Part 2

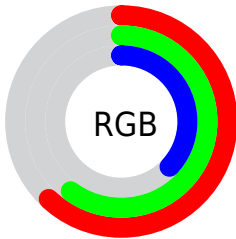
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 159, 94</a>
Decimal	<a href="#">10459486</a>
CIELab	<a href="#">62.48, -6.72, 31.77</a>
CIELCh	<a href="#">62, 32.469, 101.938</a>
Yxy	<a href="#">30.9615, 0.3756, 0.4197</a>
Android (android.graphics.Color)	<a href="#">4288649566 (0xFF9F995E)</a>
YUV	<a href="#">148.0680, -26.6555, 9.5874</a>
Hunter-Lab	<a href="#">55.6431, -8.4843, 22.8548</a>

# Details

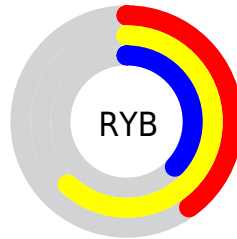
The Hex color **9F995E** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5E649F**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **D7CF91**, and **6A662E** is the 20% darker color. If you saturate the color by 10%, you get **9F984E**, and if you desaturate by 10%, it is **9F9A6E**.

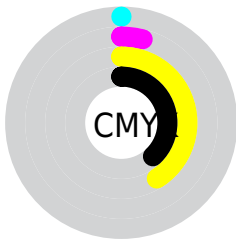
# Distribution



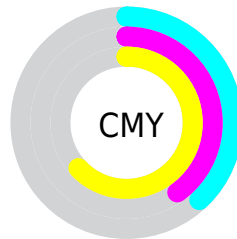
- Red (62%)
- Green (60%)
- Blue (37%)



- Red (40%)
- Yellow (62%)
- Blue (37%)



- Cyan (0%)
- Magenta (4%)
- Yellow (41%)
- Black (38%)



- Cyan (38%)
- Magenta (40%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F995E 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 9F995E by changing the saturation by 10% instead.





9F995E



9F995E

FFFFFF



847F46



D7CF91



6A662E



F4EBAC



514E17



FFFFC8



393800



FFFFE4



222200



000D00



000000



9F995E



9F995E



9F984E



9F9A6E

 9F963E

 9F9C7E

 9F952E

 9F9D8E

 9F931E

 9F9F9E

 9F920E

 9FA0AE

 9F9000

 9FA2BD

 9FA3CD

 9FA5DD

 9FA6ED

# Harmonies

## Analogous

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



BA8F61



9F995E



7FA16B

# Triad

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



9F995E



2CA5BD



C483AA

# Complementary

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



9F995E



5E649F

# 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.



A98BC2



9F995E



529FCD

# Square

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



9F995E



38A7A2



8196CF



D0818C

# Rectangle

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



9F995E



68A47B



8196CF



BD85B3



# Sweetspot

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



9F995E



CFCCB6



9F5E65



69675A



E8E8E8



696969



# Same Dimension

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



9F995E



CFC569



859F5E



4F4E47



8F8200



0F0E00



# Inverse Universe

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



5E649F



6973CF



785E9F



47484F



000D8F



00010F



# Previews

## White Background



This preview shows how the Hex color 9F995E looks on a white background.

## Color Contrast Check

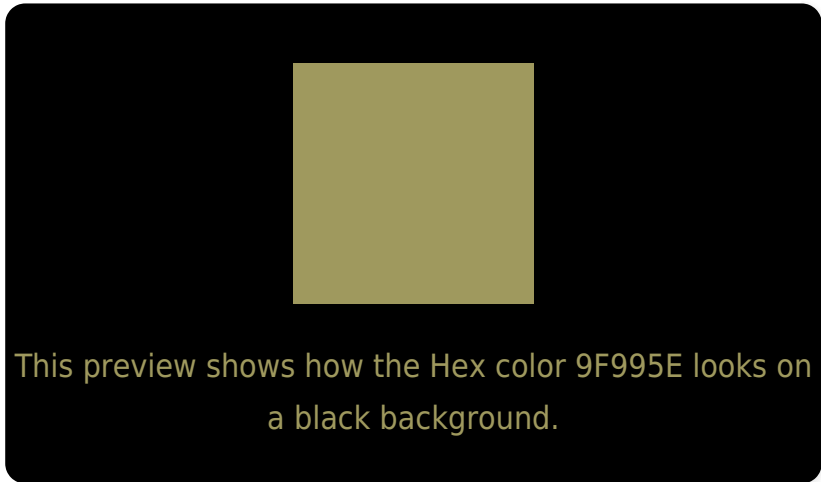
Large Text (above 18pt) WCAG AA × Fail

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

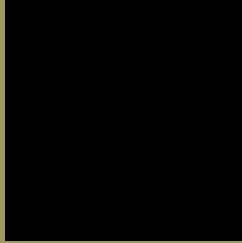
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9F995E Background



This preview shows how black text looks on a background with the Hex color 9F995E.



This preview shows how white text looks on a background with the Hex color 9F995E.

# 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**  
9F995E

**Protanopia**  
A5975D

**Deuteranopia**  
B69060



**Tritanopia**  
A6919D

# Trichromacy



**Original Color**  
9F995E

**Protanomaly**  
A3985D

**Deuteranomaly**  
AE935F

**Tritanomaly**  
A39486

# Monochromacy



**Original Color**  
9F995E

**Achromatopsia**  
949494

**Achromatomaly**  
989680

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F995E 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 #9F995E looks like.

```
.text, #text, p{  
    color:#9F995E  
}
```

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 #9F995E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F995E
}
```

## Border

The CSS property to change the border of an element to Hex 9F995E 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
#9F995E }
```

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

```
.border{ border-color:#9F995E }
```

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

Here you see how a box with a 4 pixel #9F995E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F995E; -webkit-box-shadow:4px 4px  
4px 4px #9F995E; box-shadow:4px 4px 4px  
4px #9F995E }
```

# Background

The CSS property to change the background color of an element to Hex 9F995E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F995E }
```

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

```
.background{ background-color:#9F995E }
```

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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