

# Converting Colors

Hex(9E7833)

Have a look what the booklet for  
Hex(9E7833) contains.

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**Color**

**Hex(9E7833)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E7833
RGB	158, 120, 51
RGB Percent	62%, 47%, 20%
CMY	0.3804, 0.5294, 0.8000
CMYK	0.00, 0.24, 0.68, 0.38
HSL	39°, 51%, 41%
HSV	39°, 68%, 62%
XYZ	21.4146, 20.9411, 6.0453
YIQ	123.4960, 44.7970, -13.4030

# Conversions

## Conversions Part 2

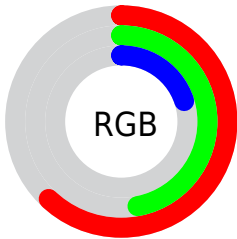
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	110, 158, 51
Decimal	10385459
CIE <sub>Lab</sub>	52.88, 7.33, 42.47
CIE <sub>LCh</sub>	53, 43.096, 80.208
Yxy	20.9411, 0.4424, 0.4327
Android (android.graphics.Color)	4288575539 (0xFF9E7833)
YUV	123.4960, -35.7405, 30.2600
Hunter-Lab	45.7614, 3.4486, 24.2005

# Details

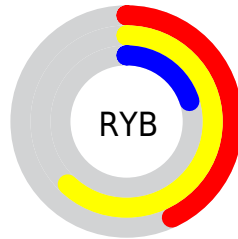
The Hex color **9E7833** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **33599E**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **D7AC65**, and **674800** is the 20% darker color. If you saturate the color by 10%, you get **9E7223**, and if you desaturate by 10%, it is **9E7E43**.

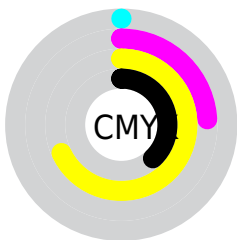
# Distribution



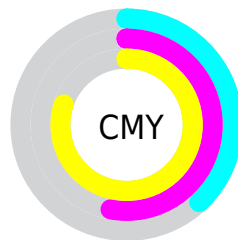
- Red (62%)
- Green (47%)
- Blue (20%)



- Red (43%)
- Yellow (62%)
- Blue (20%)



- Cyan (0%)
- Magenta (24%)
- Yellow (68%)
- Black (38%)



- Cyan (38%)
- Magenta (53%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E7833 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 9E7833 by changing the saturation by 10% instead.



 9E7833

 9E7833

FFFFFF

 825F1A

 D7AC65

 674800

 F5C77E

 4D3100

 FFE399

 331D00

 FFFFB4

 1B0400

 FFFF00

 000000

 FFFFED

 9E7833

 9E7833

 9E7223

 9E7E43

■ 9E6D13

■ 9E8353

■ 9E6704

■ 9E8962

■ 9E6600

■ 9E8E72

■ 9E9482

■ 9E9A92

■ 9E9FA2

■ 9EA5B1

■ 9EABC1

# Harmonies

## Analogous

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



B86A47



9E7833



7B8435

# Triad

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



9E7833



009197



A06BAE

# Complementary

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



9E7833



33599E

# 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.



6C79C4



9E7833



008EB6

# Square

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



9E7833



009070



0086C7



BC608C

# Rectangle

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



9E7833



5F8A43



0086C7



916FB7



# Sweetspot

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



9E7833



CFC0A5



9E335A



69604F



E8E8E8



696969



# Same Dimension

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



9E7833



CF9327



909E33



4F4C47



8F5C00



0F0A00



# Inverse Universe

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



33599E



2763CF



41339E



474A4F



00338F



00050F



# Previews

## White Background



This preview shows how the Hex color 9E7833 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

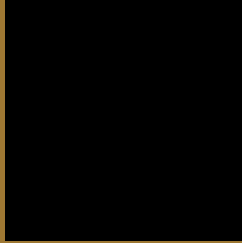
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9E7833 Background



This preview shows how black text looks on a background with the Hex color 9E7833.



This preview shows how white text looks on a background with the Hex color 9E7833.

# 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**  
9E7833

**Protanopia**  
8D7F35

**Deuteranopia**  
9D7833

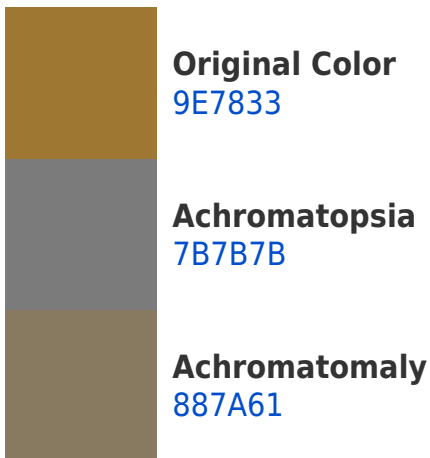


**Tritanopia**  
A37179

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E7833 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 #9E7833 looks like.

```
.text, #text, p{  
    color:#9E7833  
}
```

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 #9E7833 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E7833
}
```

## Border

The CSS property to change the border of an element to Hex 9E7833 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
#9E7833 }
```

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

```
.border{ border-color:#9E7833 }
```

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

Here you see how a box with a 4 pixel #9E7833 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E7833; -webkit-box-shadow:4px 4px  
4px 4px #9E7833; box-shadow:4px 4px 4px  
4px #9E7833 }
```

# Background

The CSS property to change the background color of an element to Hex 9E7833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E7833 }
```

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

```
.background{ background-color:#9E7833 }
```

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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