

# Converting Colors

Hex(9E6225)

Have a look what the booklet for  
Hex(9E6225) contains.

<b>Hex(9E6225)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(9E6225)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E6225
RGB	158, 98, 37
RGB Percent	62%, 38%, 15%
CMY	0.3804, 0.6157, 0.8549
CMYK	0.00, 0.38, 0.77, 0.38
HSL	30°, 62%, 38%
HSV	30°, 77%, 62%
XYZ	18.8022, 16.1380, 3.8742
YIQ	108.9860, 55.3410, -6.2510

# Conversions

## Conversions Part 2

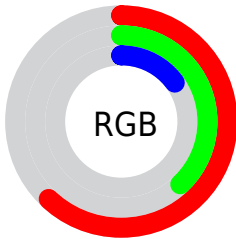
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 158, 37
Decimal	10379813
CIE Lab	47.16, 19.12, 43.11
CIE LCh	47, 47.154, 66.085
Yxy	16.1380, 0.4844, 0.4158
Android (android.graphics.Color)	4288569893 (0xFF9E6225)
YUV	108.9860, -35.4891, 42.9853
Hunter-Lab	40.1722, 13.2437, 22.4026

# Details

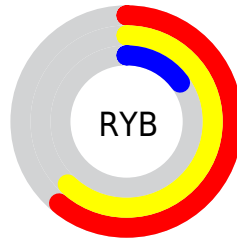
The Hex color **9E6225** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **25619E**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **D99556**, and **663300** is the 20% darker color. If you saturate the color by 10%, you get **9E5A15**, and if you desaturate by 10%, it is **9E6A35**.

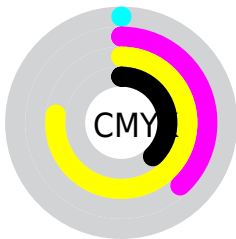
# Distribution



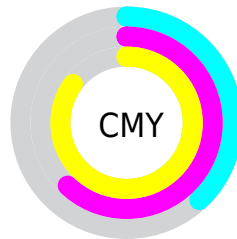
- Red (62%)
- Green (38%)
- Blue (15%)



- Red (61%)
- Yellow (62%)
- Blue (15%)



- Cyan (0%)
- Magenta (38%)
- Yellow (77%)
- Black (38%)



- Cyan (38%)
- Magenta (62%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E6225 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 9E6225 by changing the saturation by 10% instead.



 9E6225

 9E6225

FFFFFF

 814A0B

 D99556

 663300

 F7B06F

 4A1D00

 FFCB89

 300800

 FFE7A4

 110000

 FFFFBF

 000000

 FFFFDC

 FFFFF8

 9E6225

 9E6225

 9E5A15

 9E6A35

 9E5205

 9E7245

 9E5000

 9E7A54

 9E8164

 9E8974

 9E9184

 9E9994

 9EA1A3

 9EA9B3

# Harmonies

## Analogous

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



B35343



9E6225



7D7019

# Triad

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



9E6225



008377



7C62B0

# Complementary

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



9E6225



25619E

# 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.



2772BF



9E6225



00829E

# Square

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



9E6225



00814E



007CB8



A65291

# Rectangle

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



9E6225



637822



007CB8



6767B7



# Sweetspot

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



9E6225



CFB79F



9E2562



695A4B



E8E8E8



696969



# Same Dimension

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



9E6225



CF7011



9E9E25



4F4B47



8F4800



0F0800



# Inverse Universe

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



25619E



116FCF



25259E



474B4F



00478F



00080F



# Previews

## White Background



This preview shows how the Hex color 9E6225 looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

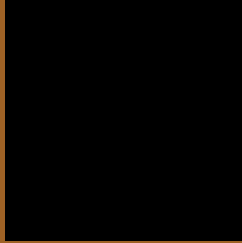
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9E6225 Background



This preview shows how black text looks on a background with the Hex color 9E6225.



This preview shows how white text looks on a background with the Hex color 9E6225.

# 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**  
9E6225

**Protanopia**  
7D7129

**Deuteranopia**  
8D6B22



**Tritanopia**  
A15C63

# Trichromacy



**Original Color**  
9E6225

**Protanomaly**  
896C28

**Deuteranomaly**  
936823

**Tritanomaly**  
A05E4C

# Monochromacy



**Original Color**  
9E6225

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
7F6953

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E6225 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 #9E6225 looks like.

```
.text, #text, p{  
    color:#9E6225  
}
```

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 #9E6225 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E6225
}
```

## Border

The CSS property to change the border of an element to Hex 9E6225 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
#9E6225 }
```

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

```
.border{ border-color:#9E6225 }
```

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

Here you see how a box with a 4 pixel #9E6225 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E6225; -webkit-box-shadow:4px 4px  
4px 4px #9E6225; box-shadow:4px 4px 4px  
4px #9E6225 }
```

# Background

The CSS property to change the background color of an element to Hex 9E6225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E6225 }
```

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

```
.background{ background-color:#9E6225 }
```

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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