

# Converting Colors

Hex(9E6B05)

Have a look what the booklet for  
Hex(9E6B05) contains.

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**Color**

**Hex(9E6B05)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E6B05
RGB	158, 107, 5
RGB Percent	62%, 42%, 2%
CMY	0.3804, 0.5804, 0.9804
CMYK	0.00, 0.32, 0.97, 0.38
HSL	40°, 94%, 32%
HSV	40°, 97%, 62%
XYZ	19.3856, 17.7954, 2.5567
YIQ	110.6210, 63.1380, -20.9100

# Conversions

## Conversions Part 2

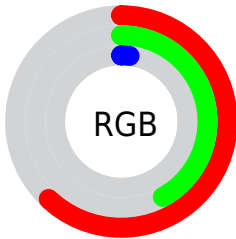
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 158, 5
Decimal	10382085
CIE <sub>Lab</sub>	49.25, 13.08, 55.22
CIE <sub>LCh</sub>	49, 56.752, 76.674
Yxy	17.7954, 0.4878, 0.4478
Android (android.graphics.Color)	4288572165 (0xFF9E6B05)
YUV	110.6210, -52.0712, 41.5514
Hunter-Lab	42.1847, 8.2052, 25.9358

# Details

The Hex color **9E6B05** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **05389E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **D99E41**, and **653C00** is the 20% darker color. If you saturate the color by 10%, you get **9E6900**, and if you desaturate by 10%, it is **9E7015**.

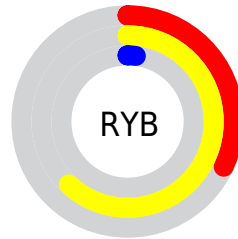
# Distribution



Red (62%)

Green (42%)

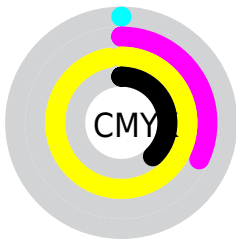
Blue (2%)



Red (32%)

Yellow (62%)

Blue (2%)

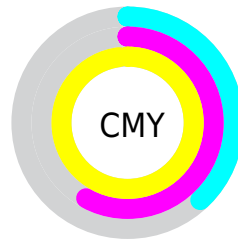


Cyan (0%)

Magenta (32%)

Yellow (97%)

Black (38%)



Cyan (38%)

Magenta (58%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E6B05 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 9E6B05 by changing the saturation by 10% instead.



 9E6B05

 9E6B05

FFFFFF

 815300

 D99E41

 653C00

 F8B95B

 4A2600

 FFD576

 2F1200

 FFF190

 160000

 FFFFAC

 000000

 FFFFC8

 FFFF E5

 9E6B05

 9E6B05

■ 9E6900

■ 9E7015

■ 9E7625

■ 9E7B34

■ 9E8044

■ 9E8554

■ 9E8B64

■ 9E9074

■ 9E9583

■ 9E9A93

# Harmonies

## Analogous

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



BD5630



9E6B05



737B00

# Triad

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



9E6B05



008B8F



995CB8

# Complementary

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



9E6B05



05389E

# 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.



4571D2



9E6B05



0089BA

# Square

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



9E6B05



008A5D



0081D3



C1488D

# Rectangle

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



9E6B05



4F821E



0081D3



8463C3



# Sweetspot

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



9E6B05



CFBB93



9E0538



695C44



E8E8E8



696969



# Same Dimension

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



9E6B05



CF8A00



849E05



4F4C47



8F5F00



0F0A00



# Inverse Universe

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



05389E



0045CF



1E059E



474A4F



00308F

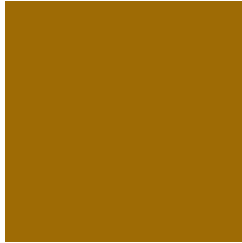


00050F



# Previews

## White Background



This preview shows how the Hex color 9E6B05 looks on a white background.

## Color Contrast Check

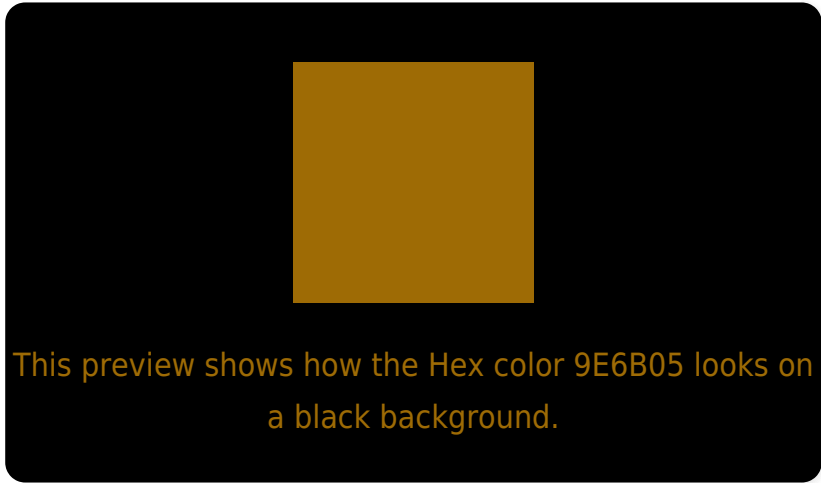
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 9E6B05 Background



This preview shows how black text looks on a background with the Hex color 9E6B05.



This preview shows how white text looks on a background with the Hex color 9E6B05.

# 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**  
9E6B05

**Protanopia**  
85760B

**Deuteranopia**  
956F00

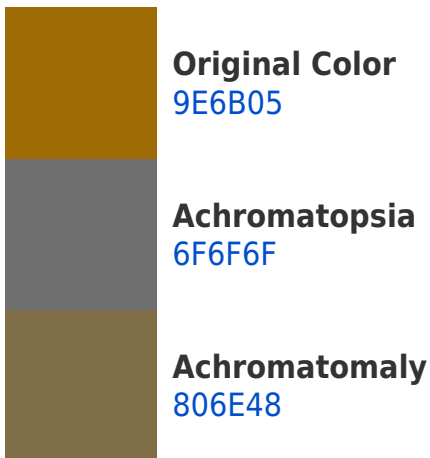


**Tritanopia**  
A3636B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E6B05 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 #9E6B05 looks like.

```
.text, #text, p{  
    color:#9E6B05  
}
```

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 #9E6B05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E6B05
}
```

## Border

The CSS property to change the border of an element to Hex 9E6B05 is called "border". The border property can be set on classes, ids or directly on the HTML element.

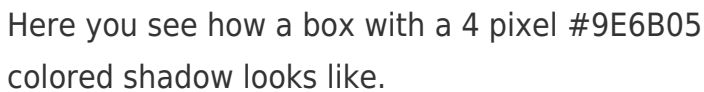
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E6B05 }
```

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

```
.border{ border-color:#9E6B05 }
```

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



Here you see how a box with a 4 pixel #9E6B05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E6B05; -webkit-box-shadow:4px 4px  
4px 4px #9E6B05; box-shadow:4px 4px 4px  
4px #9E6B05 }
```

# Background

The CSS property to change the background color of an element to Hex 9E6B05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E6B05 }
```

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

```
.background{ background-color:#9E6B05 }
```

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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