

Converting Colors

Hex(9D6D45)

Have a look what the booklet for
Hex(9D6D45) contains.

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Color

Hex(9D6D45)

Conversions

Conversions Part 1

Format	Color
Hex	9D6D45
RGB	157, 109, 69
RGB Percent	62%, 43%, 27%
CMY	0.3843, 0.5725, 0.7294
CMYK	0.00, 0.31, 0.56, 0.38
HSL	27°, 39%, 44%
HSV	27°, 56%, 62%
XYZ	20.4474, 18.5350, 8.1301
YIQ	118.7920, 41.4480, -2.2640

Conversions

Conversions Part 2

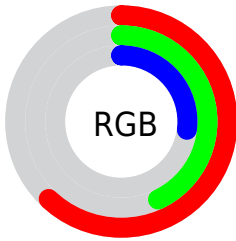
Format	Color
RYB	157, 142, 69
Decimal	10317125
CIELab	50.14, 14.52, 29.81
CIElCh	50, 33.159, 64.039
Yxy	18.5350, 0.4340, 0.3934
Android (android.graphics.Color)	4288507205 (0xFF9D6D45)
YUV	118.7920, -24.5475, 33.5084
Hunter-Lab	43.0523, 9.4358, 18.9401

Details

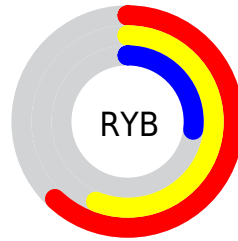
The Hex color **9D6D45** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **45759D**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **D6A176**, and **673D18** is the 20% darker color. If you saturate the color by 10%, you get **9D6435**, and if you desaturate by 10%, it is **9D7655**.

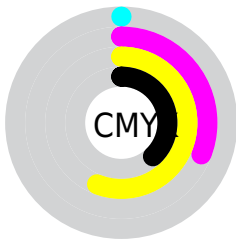
Distribution



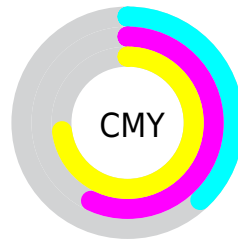
- Red (62%)
- Green (43%)
- Blue (27%)



- Red (62%)
- Yellow (56%)
- Blue (27%)



- Cyan (0%)
- Magenta (31%)
- Yellow (56%)
- Black (38%)



- Cyan (38%)
- Magenta (57%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D6D45 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 9D6D45 by changing the saturation by 10% instead.



9D6D45



9D6D45

FFFFFF



81552E



D6A176



673D18



F3BC90



4D2700



FFD7AB



331300



FFF4C6



1C0001



FFFFE2



000000



9D6D45



9D6D45



9D6435



9D7655



9D5C26



9D7E64

 9D5316

 9D8774

 9D4B06

 9D8F84

 9D4700

 9D9893

 9DA0A3

 9DA9B3

 9DB2C3

 9DBAD2

Harmonies

Analogous

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



AB6459



9D6D45



85773E

Triad

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



9D6D45



08867A



7F6EA6

Complementary

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



9D6D45



45759D

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.



5279AF



9D6D45



008596

Square

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



9D6D45



44845E



0481A9



9E6590

Rectangle

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



9D6D45



727D42



0481A9



7272AB

Sweetspot

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



9D6D45



CCB9A9



9D4575



665B52



E6E6E6



666666

Same Dimension

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



9D6D45



CC8143



9D9945



4F4B47



8F4100



0F0700

Inverse Universe

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



45759D



438ECC



45499D



474B4F



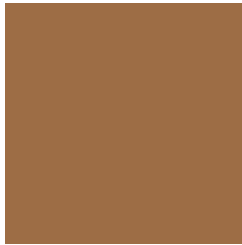
004E8F



00080F

Previews

White Background



This preview shows how the Hex color 9D6D45 looks on a white background.

Color Contrast Check

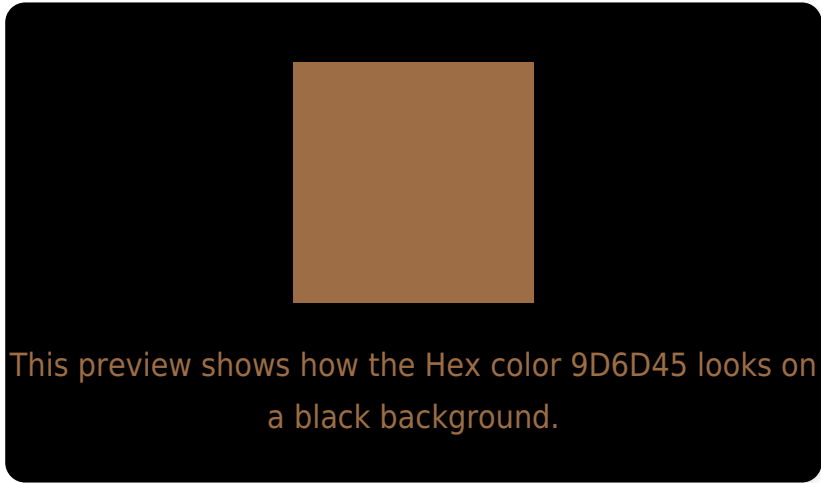
Large Text (above 18pt) WCAG AA ✓ Pass

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

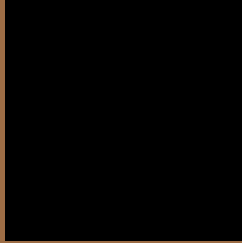
Any Text WCAG AA ✓ Pass

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 9D6D45 Background



This preview shows how black text looks on a background with the Hex color 9D6D45.



This preview shows how white text looks on a background with the Hex color 9D6D45.

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
9D6D45

Protanopia
837849

Deuteranopia
927244



Tritanopia
A06870

Trichromacy



Original Color
9D6D45

Protanomaly
8C7448

Deuteranomaly
967044

Tritanomaly
9F6A60

Monochromacy



Original Color
9D6D45

Achromatopsia
777777

Achromatomaly
857365

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D6D45 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 #9D6D45 looks like.

```
.text, #text, p{  
    color:#9D6D45  
}
```

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 #9D6D45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D6D45
}
```

Border

The CSS property to change the border of an element to Hex 9D6D45 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
#9D6D45 }
```

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

```
.border{ border-color:#9D6D45 }
```

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

Here you see how a box with a 4 pixel #9D6D45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D6D45; -webkit-box-shadow:4px 4px  
4px 4px #9D6D45; box-shadow:4px 4px 4px  
4px #9D6D45 }
```

Background

The CSS property to change the background color of an element to Hex 9D6D45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D6D45 }
```

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

```
.background{ background-color:#9D6D45 }
```

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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