

# Converting Colors

Hex(9D7253)

Have a look what the booklet for  
Hex(9D7253) contains.

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**Color**

**Hex(9D7253)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D7253
RGB	157, 114, 83
RGB Percent	62%, 45%, 33%
CMY	0.3843, 0.5529, 0.6745
CMYK	0.00, 0.27, 0.47, 0.38
HSL	25°, 31%, 47%
HSV	25°, 47%, 62%
XYZ	21.4833, 19.8273, 10.8784
YIQ	123.3230, 35.5790, -0.5250

# Conversions

## Conversions Part 2

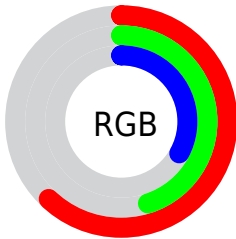
Format	Color
R <sub>Y</sub> B	157, 136, 83
Decimal	10318419
CIE Lab	51.64, 13.01, 23.82
CIE LCh	52, 27.143, 61.348
Yxy	19.8273, 0.4116, 0.3799
Android (android.graphics.Color)	4288508499 (0xFF9D7253)
YUV	123.3230, -19.8792, 29.5347
Hunter-Lab	44.5278, 8.1970, 16.6846

# Details

The Hex color **9D7253** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **537E9D**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **D5A685**, and **674225** is the 20% darker color. If you saturate the color by 10%, you get **9D6943**, and if you desaturate by 10%, it is **9D7B63**.

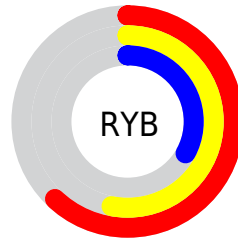
# Distribution



Red (62%)

Green (45%)

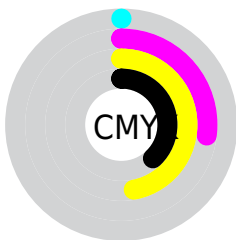
Blue (33%)



Red (62%)

Yellow (53%)

Blue (33%)

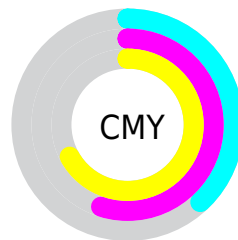


Cyan (0%)

Magenta (27%)

Yellow (47%)

Black (38%)



Cyan (38%)

Magenta (55%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D7253 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 9D7253 by changing the saturation by 10% instead.





9D7253



9D7253

FFFFFF



82593C



D5A685



674225



F2C19F



4E2C10



FFDDBA



351700



FFFAD6



1E0000



FFFFF2



000000



9D7253



9D7253



9D6943



9D7B63



9D6034



9D8472

 9D5724

 9D8D82

 9D4E14

 9D9692

 9D4405

 9DA0A2

 9D4200

 9DA9B1

 9DB2C1

 9DBBD1

 9DC4E0

# Harmonies

## Analogous

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



A86B64



9D7253



8A7A4C

# Triad

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



9D7253



39887B



7F75A3

# Complementary

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



9D7253



537E9D

# 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.



5D7DA9



9D7253



278792

# Square

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



9D7253



568664



3883A3



996D92

# Rectangle

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



9D7253



7A7F4F



3883A3



7478A6



# Sweetspot

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



9D7253



CCBBAF



9D537E



665C55



E6E6E6



666666



# Same Dimension

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



9D7253



CC8858



9D9753



4F4A47



8F3C00



0F0600



# Inverse Universe

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



537E9D



589BCC



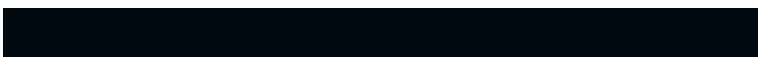
53599D



474C4F



00538F

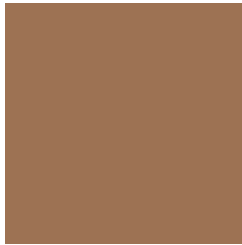


00090F



# Previews

## White Background



This preview shows how the Hex color 9D7253 looks on a white background.

## Color Contrast Check

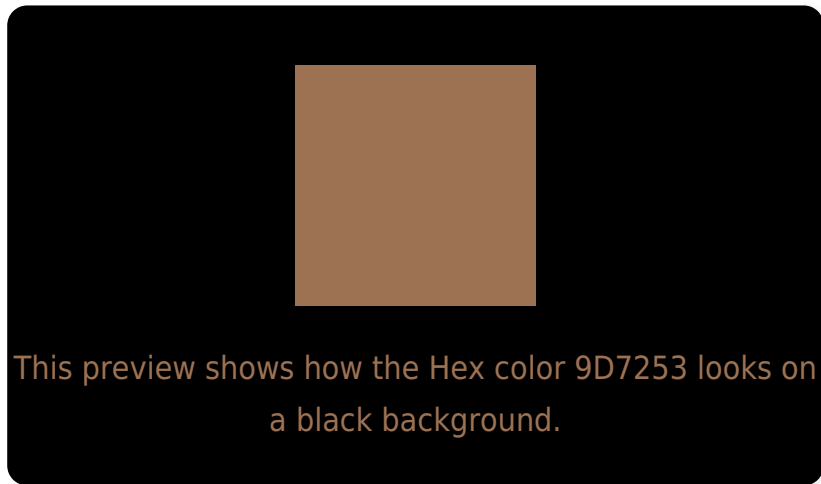
Large Text (above 18pt) WCAG AA ✓ Pass

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

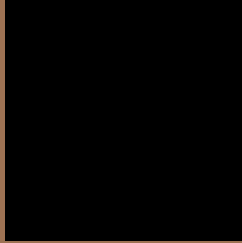
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9D7253 Background



This preview shows how black text looks on a background with the Hex color 9D7253.



This preview shows how white text looks on a background with the Hex color 9D7253.

# 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**  
9D7253

**Protanopia**  
857B57

**Deuteranopia**  
947652



**Tritanopia**  
A06D76

# Trichromacy



**Original Color**  
9D7253

**Protanomaly**  
8E7856

**Deuteranomaly**  
977552

**Tritanomaly**  
9F6F69

# Monochromacy



**Original Color**  
9D7253

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
87786C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D7253 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 #9D7253 looks like.

```
.text, #text, p{  
    color:#9D7253  
}
```

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 #9D7253 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D7253
}
```

## Border

The CSS property to change the border of an element to Hex 9D7253 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
#9D7253 }
```

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

```
.border{ border-color:#9D7253 }
```

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

Here you see how a box with a 4 pixel #9D7253 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D7253; -webkit-box-shadow:4px 4px  
4px 4px #9D7253; box-shadow:4px 4px 4px  
4px #9D7253 }
```

# Background

The CSS property to change the background color of an element to Hex 9D7253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D7253 }
```

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

```
.background{ background-color:#9D7253 }
```

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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