

# Converting Colors

Hex(9D604C)

Have a look what the booklet for  
Hex(9D604C) contains.

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**Color**

**Hex(9D604C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D604C
RGB	157, 96, 76
RGB Percent	62%, 38%, 30%
CMY	0.3843, 0.6235, 0.7020
CMYK	0.00, 0.39, 0.52, 0.38
HSL	15°, 35%, 46%
HSV	15°, 52%, 62%
XYZ	19.3920, 16.0556, 8.9145
YIQ	111.9590, 42.7760, 6.7120

# Conversions

## Conversions Part 2

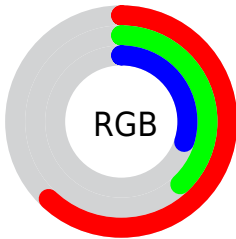
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 103, 76
Decimal	10313804
CIELab	47.05, 22.59, 21.86
CIElCh	47, 31.437, 44.051
Yxy	16.0556, 0.4371, 0.3619
Android (android.graphics.Color)	4288503884 (0xFF9D604C)
YUV	111.9590, -17.7278, 39.5010
Hunter-Lab	40.0695, 16.2651, 14.8581

# Details

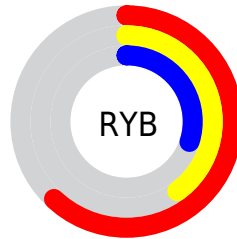
The Hex color **9D604C** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4C899D**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **D6937D**, and **66311F** is the 20% darker color. If you saturate the color by 10%, you get **9D543C**, and if you desaturate by 10%, it is **9D6C5C**.

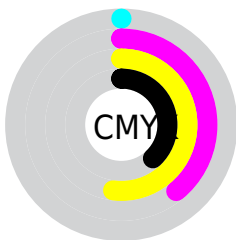
# Distribution



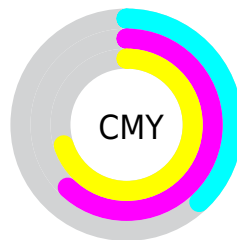
- Red (62%)
- Green (38%)
- Blue (30%)



- Red (62%)
- Yellow (40%)
- Blue (30%)



- Cyan (0%)
- Magenta (39%)
- Yellow (52%)
- Black (38%)



- Cyan (38%)
- Magenta (62%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D604C 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 9D604C by changing the saturation by 10% instead.



 9D604C

 9D604C

FFFFFF

 814835

 D6937D

 66311F

 F3AE97

 4C1A09

 FFC9B2

 330400

 FFE6CD

 160000

 FFFFEA

 000000

 9D604C

 9D604C

 9D543C

 9D6C5C

 9D482D

 9D786B

 9D3D1D

 9D837B

 9D310D

 9D8F8B

 9D2700

 9D9B9B

 9DA7AA

 9DB3BA

 9DBFCA

 9DCAD9

# Harmonies

## Analogous

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



A25B64



9D604C



8C693D

# Triad

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



9D604C



327C60



5C6EA3

# Complementary

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



9D604C



4C899D

# 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.



2776A2



9D604C



007D7B

# Square

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



9D604C



577948



007B94



826496

# Rectangle

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



9D604C



7D6F3A



007B94



4D71A4



# Sweetspot

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



9D604C



CCB5AD



9D4C8A



665854



E6E6E6



666666



# Same Dimension

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



9D604C



CC6D4E



9D874C



4F4947



8F2300



0F0400



# Inverse Universe

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



4C899D



4EADCC



4C629D



474D4F



006C8F



000C0F



# Previews

## White Background



This preview shows how the Hex color 9D604C looks on a white background.

## Color Contrast Check

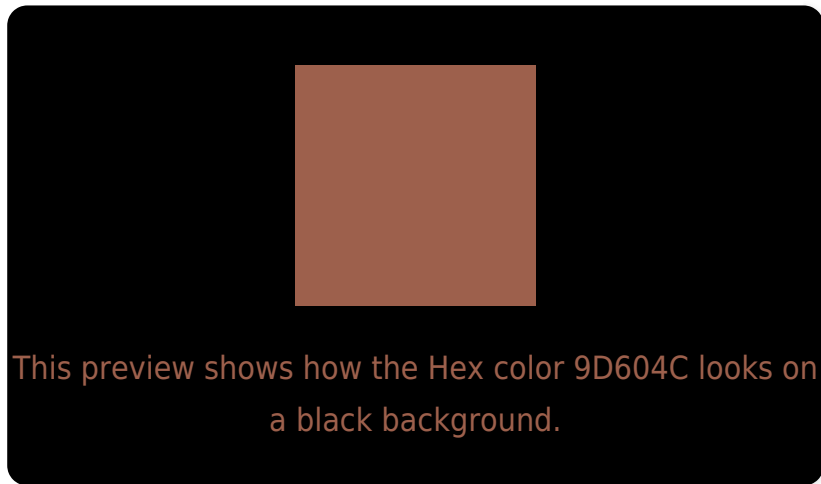
Large Text (above 18pt) WCAG AA ✓ Pass

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

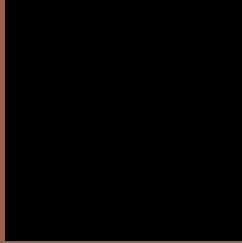
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9D604C Background



This preview shows how black text looks on a background with the Hex color 9D604C.



This preview shows how white text looks on a background with the Hex color 9D604C.

# 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**  
9D604C

**Protanopia**  
787053

**Deuteranopia**  
866B4A



**Tritanopia**  
9F5D64

# Trichromacy



**Original Color**  
9D604C

**Protanomaly**  
856A50

**Deuteranomaly**  
8E674B

**Tritanomaly**  
9E5E5B

# Monochromacy



**Original Color**  
9D604C

**Achromatopsia**  
707070

**Achromatomaly**  
806A63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D604C 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 #9D604C looks like.

```
.text, #text, p{  
    color:#9D604C  
}
```

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 #9D604C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D604C
}
```

## Border

The CSS property to change the border of an element to Hex 9D604C 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
#9D604C }
```

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

```
.border{ border-color:#9D604C }
```

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

Here you see how a box with a 4 pixel #9D604C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D604C; -webkit-box-shadow:4px 4px  
4px 4px #9D604C; box-shadow:4px 4px 4px  
4px #9D604C }
```

# Background

The CSS property to change the background color of an element to Hex 9D604C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D604C }
```

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

```
.background{ background-color:#9D604C }
```

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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