

# Converting Colors

Hex(9A6B5B)

Have a look what the booklet for  
Hex(9A6B5B) contains.

<b>Hex(9A6B5B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(9A6B5B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A6B5B
RGB	154, 107, 91
RGB Percent	60%, 42%, 36%
CMY	0.3961, 0.5804, 0.6431
CMYK	0.00, 0.31, 0.41, 0.40
HSL	15°, 26%, 48%
HSV	15°, 41%, 60%
XYZ	20.4724, 18.1407, 12.3200
YIQ	119.2290, 33.1480, 4.9880

# Conversions

## Conversions Part 2

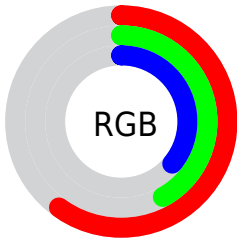
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 112, 91
Decimal	10120027
CIELab	49.67, 16.67, 16.48
CIElCh	50, 23.446, 44.671
Yxy	18.1407, 0.4019, 0.3562
Android (android.graphics.Color)	4288310107 (0xFF9A6B5B)
YUV	119.2290, -13.9169, 30.4942
Hunter-Lab	42.5920, 11.2627, 12.6643

# Details

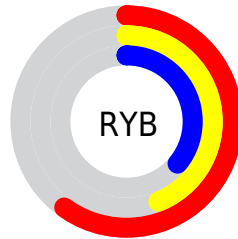
The Hex color **9A6B5B** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5B8A9A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **D29F8D**, and **653B2D** is the 20% darker color. If you saturate the color by 10%, you get **9A604C**, and if you desaturate by 10%, it is **9A766A**.

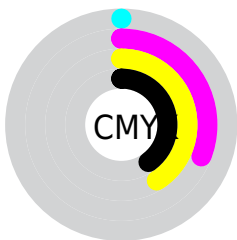
# Distribution



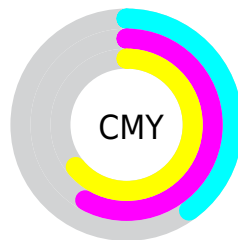
- Red (60%)
- Green (42%)
- Blue (36%)



- Red (60%)
- Yellow (44%)
- Blue (36%)



- Cyan (0%)
- Magenta (31%)
- Yellow (41%)
- Black (40%)



- Cyan (40%)
- Magenta (58%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A6B5B 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 9A6B5B by changing the saturation by 10% instead.



 9A6B5B

 9A6B5B

FFFFFF

 7F5343

 D29F8D

 653B2D

 EFBA8

 4B2518

 FFD5C3

 341000

 FFF2DF

 1D0001

 FFFFFB

 000000

 9A6B5B

 9A6B5B

 9A604C

 9A766A

 9A543C

 9A827A

 9A492D

 9A8D89

 9A3D1D

 9A9999

 9A320E

 9AA4A8

 9A2700

 9AB0B7

 9ABBC7

 9AC7D6

 9AD2E6

# Harmonies

## Analogous

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



9E676D



9A6B5B



8D7150

# Triad

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



9A6B5B



4C806B



6A759C

# Complementary

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



9A6B5B



5B8A9A

# 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.



4D7B9C



9A6B5B



39817F

# Square

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



9A6B5B



647D59



377F91



856E93

# Rectangle

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



9A6B5B



81764E



377F91



61779D



# Sweetspot

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



9A6B5B



C9B7B1



9A5B8A



665B58



E6E6E6



666666



# Same Dimension

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



9A6B5B



C98067



9A8A5B



4D4745



8C2400



0D0300



# Inverse Universe

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



5B8A9A



67B0C9



5B6B9A



454B4D



00698C



000A0D



# Previews

## White Background



This preview shows how the Hex color 9A6B5B looks on a white background.

## Color Contrast Check

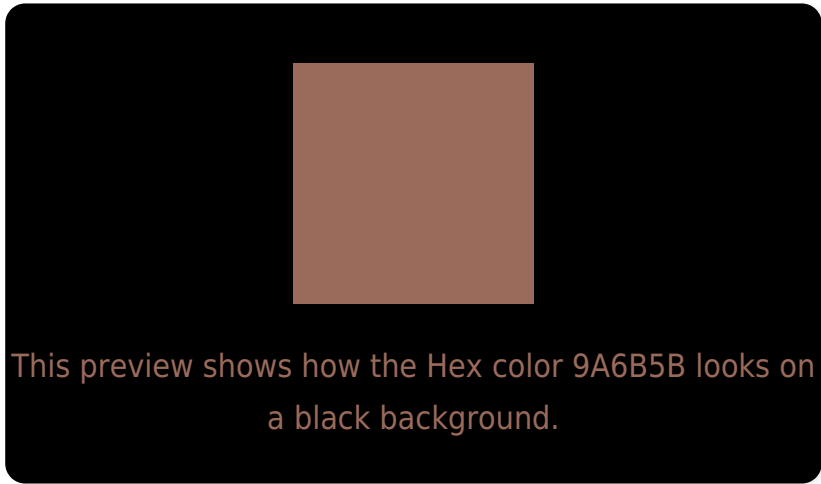
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A6B5B Background



This preview shows how black text looks on a background with the Hex color 9A6B5B.



This preview shows how white text looks on a background with the Hex color 9A6B5B.

# 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**  
9A6B5B

**Protanopia**  
7D7660

**Deuteranopia**  
8B725A



**Tritanopia**  
9C6870

# Trichromacy



**Original Color**  
9A6B5B

**Protanomaly**  
88725E

**Deuteranomaly**  
906F5A

**Tritanomaly**  
9B6968

# Monochromacy



**Original Color**  
9A6B5B

**Achromatopsia**  
777777

**Achromatomaly**  
84736D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A6B5B 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 #9A6B5B looks like.

```
.text, #text, p{  
    color:#9A6B5B  
}
```

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 #9A6B5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A6B5B
}
```

## Border

The CSS property to change the border of an element to Hex 9A6B5B 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
#9A6B5B }
```

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

```
.border{ border-color:#9A6B5B }
```

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

Here you see how a box with a 4 pixel #9A6B5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A6B5B; -webkit-box-shadow:4px 4px  
4px 4px #9A6B5B; box-shadow:4px 4px 4px  
4px #9A6B5B }
```

# Background

The CSS property to change the background color of an element to Hex 9A6B5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A6B5B }
```

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

```
.background{ background-color:#9A6B5B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor