

# Converting Colors

Hex(9D945B)

Have a look what the booklet for  
Hex(9D945B) contains.

<b>Hex(9D945B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(9D945B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D945B
RGB	157, 148, 91
RGB Percent	62%, 58%, 36%
CMY	0.3843, 0.4196, 0.6431
CMYK	0.00, 0.06, 0.42, 0.38
HSL	52°, 27%, 49%
HSV	52°, 42%, 62%
XYZ	26.3829, 29.1032, 14.1245
YIQ	144.1930, 23.6610, -15.8190

# Conversions

## Conversions Part 2

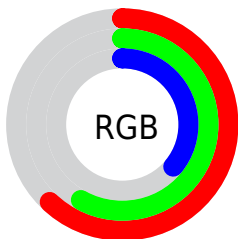
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 157, 91
Decimal	10327131
CIELab	60.87, -5.19, 31.30
CIELCh	61, 31.722, 99.411
Yxy	29.1032, 0.3790, 0.4181
Android (android.graphics.Color)	4288517211 (0xFF9D945B)
YUV	144.1930, -26.2241, 11.2317
Hunter-Lab	53.9474, -7.1130, 22.2399

# Details

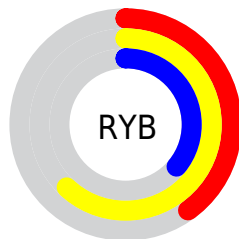
The Hex color **9D945B** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5B649D**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **D5CA8E**, and **68622B** is the 20% darker color. If you saturate the color by 10%, you get **9D924B**, and if you desaturate by 10%, it is **9D966B**.

# Distribution



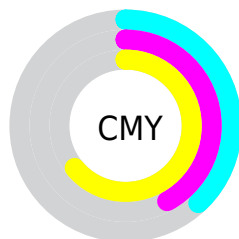
- Red (62%)
- Green (58%)
- Blue (36%)



- Red (40%)
- Yellow (62%)
- Blue (36%)



- Cyan (0%)
- Magenta (6%)
- Yellow (42%)
- Black (38%)



- Cyan (38%)
- Magenta (42%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D945B 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 9D945B by changing the saturation by 10% instead.





9D945B



9D945B

FFFFFF



827A43



D5CA8E



68622B



F1E6A9



4F4A14



FFFFC4



373300



FFFFE0



201F00



FFFFFD



000600



000000



9D945B



9D945B



9D924B



9D966B

 9D903C

 9D987A

 9D8E2C

 9D9A8A

 9D8B1C

 9D9D9A

 9D890C

 9D9FAA

 9D8800

 9DA1B9

 9DA3C9

 9DA5D9

 9DA7E8

# Harmonies

## Analogous

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



B68A5F



9D945B



7E9C67

# Triad

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



9D945B



2AA0B5



BD80A7

# Complementary

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



9D945B



5B649D

# 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.



A288BE



9D945B



4C9BC7

# Square

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



9D945B



39A29B



7A93CA



CA7D8B

# Rectangle

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



9D945B



689F75



7A93CA



B682B0



# Sweetspot

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



9D945B



CCC8B1



9D5B65



666456



E6E6E6



666666



# Same Dimension

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



9D945B



CCBE66



869D5B



4F4E47



8F7B00



0F0D00



# Inverse Universe

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



5B649D



6674CC



725B9D



47484F



00138F



00020F



# Previews

## White Background



This preview shows how the Hex color 9D945B looks on a white background.

## Color Contrast Check

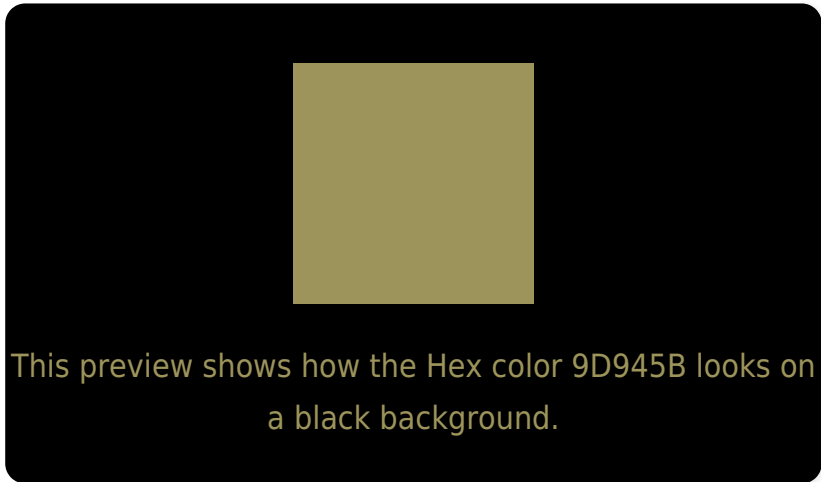
Large Text (above 18pt) WCAG AA ✓ Pass

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

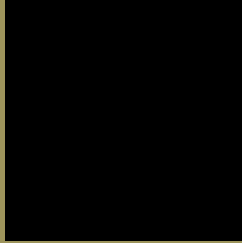
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9D945B Background



This preview shows how black text looks on a background with the Hex color 9D945B.



This preview shows how white text looks on a background with the Hex color 9D945B.

# 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**  
9D945B

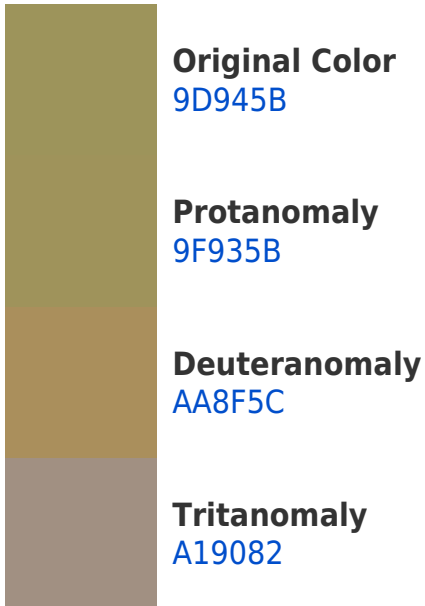
**Protanopia**  
A0935B

**Deuteranopia**  
B18C5D

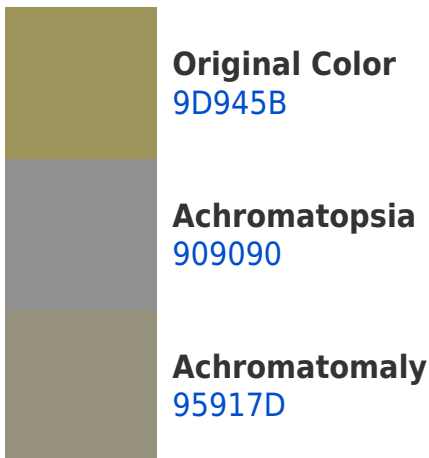


**Tritanopia**  
A48D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D945B 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 #9D945B looks like.

```
.text, #text, p{  
    color:#9D945B  
}
```

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 #9D945B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D945B
}
```

## Border

The CSS property to change the border of an element to Hex 9D945B 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
#9D945B }
```

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

```
.border{ border-color:#9D945B }
```

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

Here you see how a box with a 4 pixel #9D945B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D945B; -webkit-box-shadow:4px 4px  
4px 4px #9D945B; box-shadow:4px 4px 4px  
4px #9D945B }
```

# Background

The CSS property to change the background color of an element to Hex 9D945B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D945B }
```

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

```
.background{ background-color:#9D945B }
```

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