

Converting Colors

Hex(9C964B)

Have a look what the booklet for
Hex(9C964B) contains.

Hex(9C964B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9C964B)

Conversions

Conversions Part 1

Format	Color
Hex	9C964B
RGB	156, 150, 75
RGB Percent	61%, 59%, 29%
CMY	0.3882, 0.4118, 0.7059
CMYK	0.00, 0.04, 0.52, 0.39
HSL	56°, 35%, 45%
HSV	56°, 52%, 61%
XYZ	25.8866, 29.3886, 10.9648
YIQ	143.2440, 27.6510, -22.0530

Conversions

Conversions Part 2

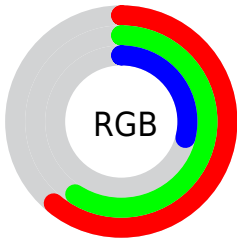
Format	Color
R_{YB}	81, 156, 75
Decimal	10262091
CIE Lab	61.12, -8.32, 39.92
CIE LCh	61, 40.781, 101.778
Yxy	29.3886, 0.3908, 0.4437
Android (android.graphics.Color)	4288452171 (0xFF9C964B)
YUV	143.2440, -33.6443, 11.1870
Hunter-Lab	54.2113, -9.6334, 25.9558

Details

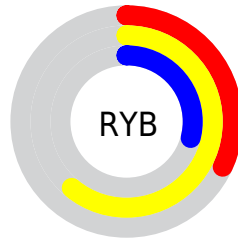
The Hex color **9C964B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4B519C**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **D4CC7E**, and **67631A** is the 20% darker color. If you saturate the color by 10%, you get **9C953B**, and if you desaturate by 10%, it is **9C975B**.

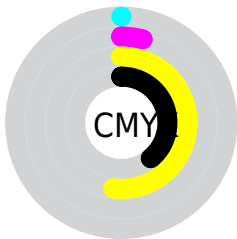
Distribution



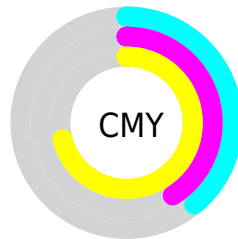
- Red (61%)
- Green (59%)
- Blue (29%)



- Red (32%)
- Yellow (61%)
- Blue (29%)



- Cyan (0%)
- Magenta (4%)
- Yellow (52%)
- Black (39%)



- Cyan (39%)
- Magenta (41%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C964B 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 9C964B by changing the saturation by 10% instead.



9C964B



9C964B

FFFFFF



817C33



D4CC7E



67631A



F1E898



4D4C00



FFFFB4



353500



FFFFCF



1C2000



FFFEC



000800



000000



9C964B



9C964B



9C953B



9C975B

 9C942C

 9C986A

 9C931C

 9C997A

 9C910D

 9C9B89

 9C9000

 9C9C99

 9C9DA9

 9C9EB8

 9C9FC8

 9CA0D7

Harmonies

Analogous

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



BC8A4F



9C964B



749F5C

Triad

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



9C964B



00A4C2



CB79AB

Complementary

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



9C964B



4B519C

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.



A985C9



9C964B



199DD7

Square

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



9C964B



00A6A1



7392DA



D87687

Rectangle

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



9C964B



55A370



7392DA



C27CB6

Sweetspot

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



9C964B



CCCAAB



9C4B52



666553



E6E6E6



666666

Same Dimension

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



9C964B



CCC34E



7A9C4B



4F4E47



8F8400



0F0E00

Inverse Universe

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



4B519C



4E57CC



6D4B9C



47484F



000B8F



00010F

Previews

White Background



This preview shows how the Hex color 9C964B looks on a white background.

Color Contrast Check

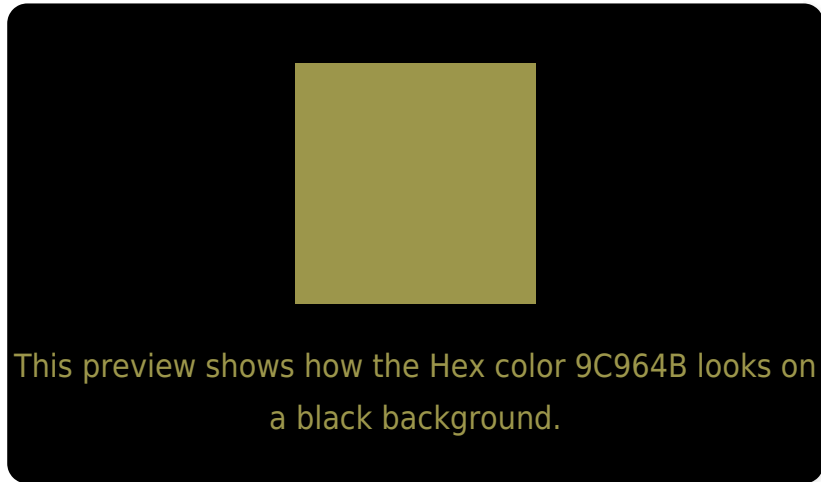
Large Text (above 18pt) WCAG AA ✓ Pass

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

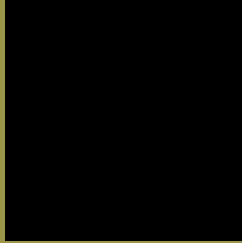
Any Text WCAG AA ✓ Pass

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 9C964B Background



This preview shows how black text looks on a background with the Hex color 9C964B.



This preview shows how white text looks on a background with the Hex color 9C964B.

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
9C964B

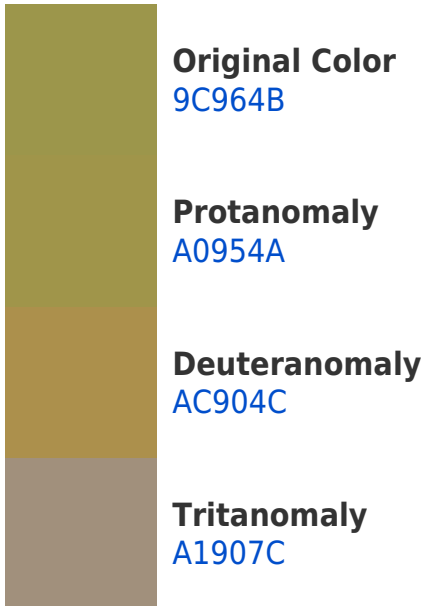
Protanopia
A3944A

Deuteranopia
B58D4D

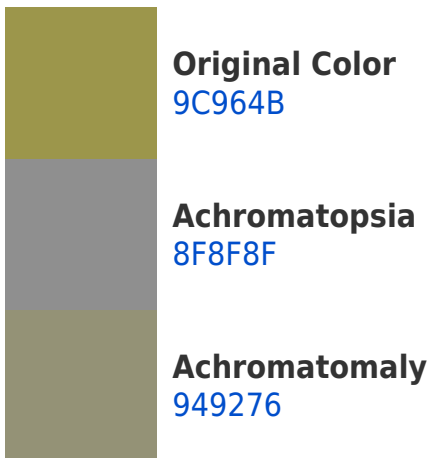


Tritanopia
A48D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9C964B 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 #9C964B looks like.

```
.text, #text, p{  
    color:#9C964B  
}
```

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 #9C964B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C964B
}
```

Border

The CSS property to change the border of an element to Hex 9C964B 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
#9C964B }
```

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

```
.border{ border-color:#9C964B }
```

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

Here you see how a box with a 4 pixel #9C964B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C964B; -webkit-box-shadow:4px 4px  
4px 4px #9C964B; box-shadow:4px 4px 4px  
4px #9C964B }
```

Background

The CSS property to change the background color of an element to Hex 9C964B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C964B }
```

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

```
.background{ background-color:#9C964B }
```

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