

Converting Colors

Hex(9B944D)

Have a look what the booklet for
Hex(9B944D) contains.

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Color

Hex(9B944D)

Conversions

Conversions Part 1

Format	Color
Hex	9B944D
RGB	155, 148, 77
RGB Percent	61%, 58%, 30%
CMY	0.3922, 0.4196, 0.6980
CMYK	0.00, 0.05, 0.50, 0.39
HSL	55°, 34%, 45%
HSV	55°, 50%, 61%
XYZ	25.4470, 28.6842, 11.2166
YIQ	141.9990, 26.9630, -20.5970

Conversions

Conversions Part 2

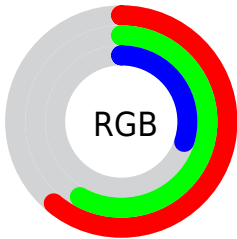
Format	Color
R_{YB}	85, 155, 77
Decimal	10196045
CIE _{Lab}	60.50, -7.49, 38.14
CIE _{LCh}	61, 38.873, 101.112
Yxy	28.6842, 0.3894, 0.4389
Android (android.graphics.Color)	4288386125 (0xFF9B944D)
YUV	141.9990, -32.0445, 11.4019
Hunter-Lab	53.5576, -8.9145, 25.0732

Details

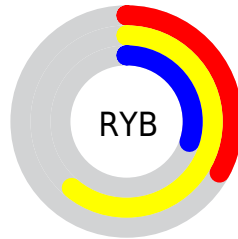
The Hex color **9B944D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **4D549B**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **D3CA80**, and **66621D** is the 20% darker color. If you saturate the color by 10%, you get **9B933E**, and if you desaturate by 10%, it is **9B955D**.

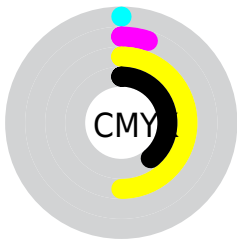
Distribution



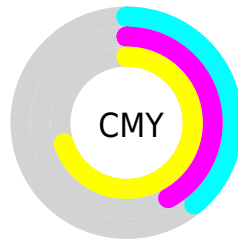
- Red (61%)
- Green (58%)
- Blue (30%)



- Red (33%)
- Yellow (61%)
- Blue (30%)



- Cyan (0%)
- Magenta (5%)
- Yellow (50%)
- Black (39%)



- Cyan (39%)
- Magenta (42%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B944D 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 9B944D by changing the saturation by 10% instead.



9B944D



9B944D

FFFFFF



807A35



D3CA80



66621D



F0E69A



4C4A02



FFF885



353300



FFFD1



1C1F00



FFFEE



000300



000000



9B944D



9B944D



9B933E



9B955D

 9B912E

 9B976C

 9B901F

 9B987B

 9B8E0F

 9B9A8B

 9B8D00

 9B9B9B

 9B9CAA

 9B9EBA

 9B9FC9

 9BA1D8

Harmonies

Analogous

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



BA8851



9B944D



759D5D

Triad

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



9B944D



00A2BE



C679A9

Complementary

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



9B944D



4D549B

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.



A684C6



9B944D



269CD2

Square

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



9B944D



00A49E



7391D5



D47686

Rectangle

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



9B944D



58A170



7391D5



BE7CB4

Sweetspot

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



9B944D



C9C7AB



9B4D55



666454



E6E6E6



666666

Same Dimension

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



9B944D



C9BF51



7C9B4D



4D4C45



8C8000



0D0C00

Inverse Universe

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



4D549B



515BC9



6C4D9B



45464D



000D8C



00010D

Previews

White Background



This preview shows how the Hex color 9B944D looks on a white background.

Color Contrast Check

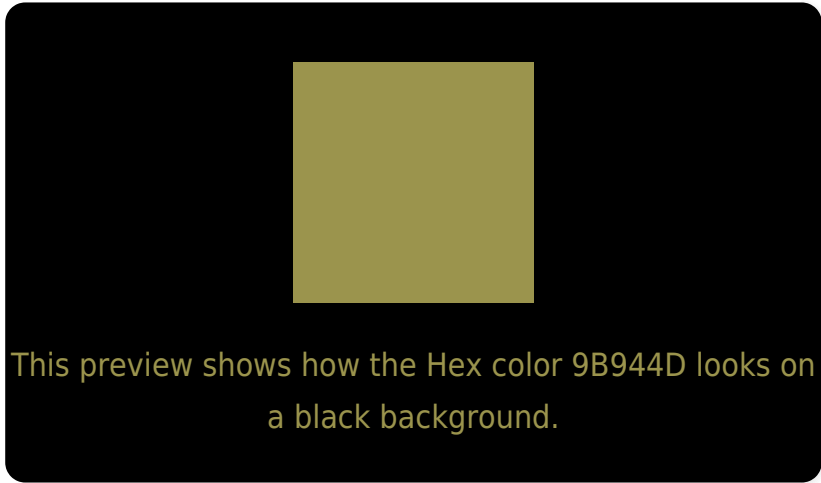
Large Text (above 18pt) WCAG AA ✓ Pass

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

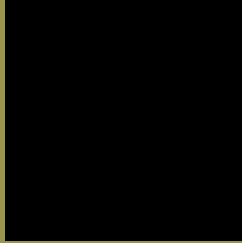
Any Text WCAG AA ✓ Pass

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 9B944D Background



This preview shows how black text looks on a background with the Hex color 9B944D.



This preview shows how white text looks on a background with the Hex color 9B944D.

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
9B944D

Protanopia
A1924C

Deuteranopia
B28B4F



Tritanopia
A28C97

Trichromacy



Original Color
9B944D

Protanomaly
9F934C

Deuteranomaly
AA8E4E

Tritanomaly
9F8F7C

Monochromacy



Original Color
9B944D

Achromatopsia
8E8E8E

Achromatomaly
939076

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B944D 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 #9B944D looks like.

```
.text, #text, p{  
    color:#9B944D  
}
```

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 #9B944D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B944D
}
```

Border

The CSS property to change the border of an element to Hex 9B944D 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
#9B944D }
```

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

```
.border{ border-color:#9B944D }
```

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

Here you see how a box with a 4 pixel #9B944D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B944D; -webkit-box-shadow:4px 4px  
4px 4px #9B944D; box-shadow:4px 4px 4px  
4px #9B944D }
```

Background

The CSS property to change the background color of an element to Hex 9B944D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B944D }
```

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

```
.background{ background-color:#9B944D }
```

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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