

Converting Colors

Hex(9B764A)

Have a look what the booklet for
Hex(9B764A) contains.

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Color

Hex(9B764A)

Conversions

Conversions Part 1

Format	Color
Hex	9B764A
RGB	155, 118, 74
RGB Percent	61%, 46%, 29%
CMY	0.3922, 0.5373, 0.7098
CMYK	0.00, 0.24, 0.52, 0.39
HSL	33°, 35%, 45%
HSV	33°, 52%, 61%
XYZ	21.2320, 20.4198, 9.3009
YIQ	124.0470, 36.1760, -5.8400

Conversions

Conversions Part 2

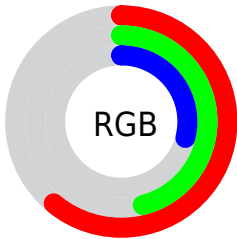
Format	Color
R_{YB}	142, 155, 74
Decimal	10188362
CIE _{Lab}	52.31, 8.95, 29.69
CIE _{LCh}	52, 31.010, 73.231
Yxy	20.4198, 0.4167, 0.4008
Android (android.graphics.Color)	4288378442 (0xFF9B764A)
YUV	124.0470, -24.6732, 27.1458
Hunter-Lab	45.1883, 4.7899, 19.4284

Details

The Hex color **9B764A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4A6F9B**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **D3AA7C**, and **65461C** is the 20% darker color. If you saturate the color by 10%, you get **9B6F3B**, and if you desaturate by 10%, it is **9B7D5A**.

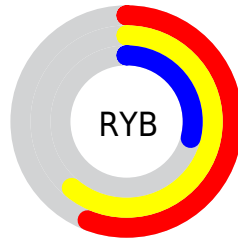
Distribution



Red (61%)

Green (46%)

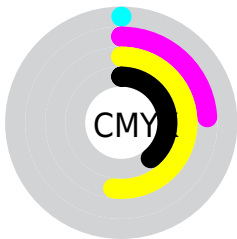
Blue (29%)



Red (56%)

Yellow (61%)

Blue (29%)

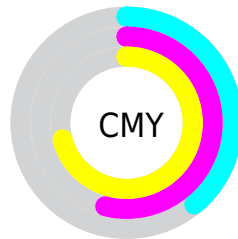


Cyan (0%)

Magenta (24%)

Yellow (52%)

Black (39%)



Cyan (39%)

Magenta (54%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B764A 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 9B764A by changing the saturation by 10% instead.



9B764A



9B764A

FFFFFF



805D33



D3AA7C



65461C



F0C596



4C2F05



FFE1B0



331B00



FFFECC



1B0100



FFFFE8



000000



9B764A



9B764A



9B6F3B



9B7D5A



9B682B



9B8469

 9B611C

 9B8B79

 9B5A0C

 9B9288

 9B5400

 9B9998

 9BA0A7

 9BA8B7

 9BAFC6

 9BB6D5

Harmonies

Analogous

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



AC6D5A



9B764A



827F48

Triad

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



9B764A



178B88



8F72A4

Complementary

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



9B764A



4A6F9B

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.



697BB0



9B764A



0089A0

Square

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



9B764A



438A6D



3A84AF



A76A8D

Rectangle

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



9B764A



6F844F



3A84AF



8475A9

Sweetspot

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



9B764A



C9BBA9



9B4A70



665D53



E6E6E6



666666

Same Dimension

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



9B764A



C98F4B



989B4A



4D4945



8C4C00



0D0700

Inverse Universe

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



4A6F9B



4B85C9



4D4A9B



45484D



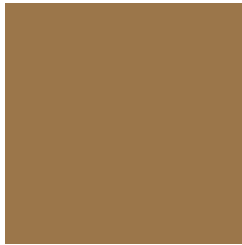
00408C



00060D

Previews

White Background



This preview shows how the Hex color 9B764A looks on a white background.

Color Contrast Check

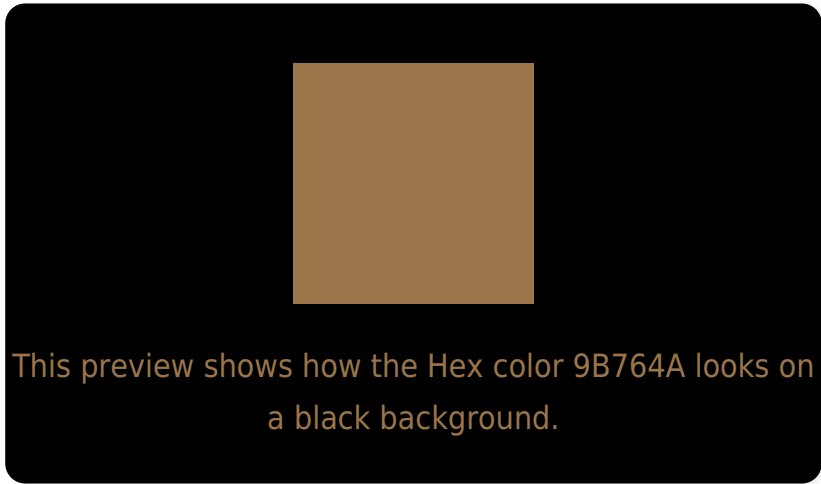
Large Text (above 18pt) WCAG AA ✓ Pass

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

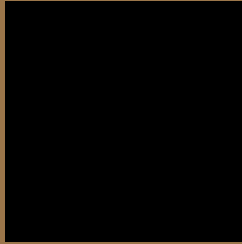
Any Text WCAG AA ✓ Pass

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 9B764A Background



This preview shows how black text looks on a background with the Hex color 9B764A.



This preview shows how white text looks on a background with the Hex color 9B764A.

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
9B764A

Protanopia
897D4D

Deuteranopia
98774A



Tritanopia
9F7079

Trichromacy



Original Color
9B764A

Protanomaly
907A4C

Deuteranomaly
99774A

Tritanomaly
9E7268

Monochromacy



Original Color
9B764A

Achromatopsia
7C7C7C

Achromatomaly
877A6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B764A 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 #9B764A looks like.

```
.text, #text, p{  
    color:#9B764A  
}
```

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 #9B764A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B764A
}
```

Border

The CSS property to change the border of an element to Hex 9B764A 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
#9B764A }
```

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

```
.border{ border-color:#9B764A }
```

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

Here you see how a box with a 4 pixel #9B764A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B764A; -webkit-box-shadow:4px 4px  
4px 4px #9B764A; box-shadow:4px 4px 4px  
4px #9B764A }
```

Background

The CSS property to change the background color of an element to Hex 9B764A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B764A }
```

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

```
.background{ background-color:#9B764A }
```

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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