

Converting Colors

Hex(9B8148)

Have a look what the booklet for
Hex(9B8148) contains.

Hex(9B8148)	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(9B8148)

Conversions

Conversions Part 1

Format	Color
Hex	9B8148
RGB	155, 129, 72
RGB Percent	61%, 51%, 28%
CMY	0.3922, 0.4941, 0.7176
CMYK	0.00, 0.17, 0.54, 0.39
HSL	41°, 37%, 45%
HSV	41°, 54%, 61%
XYZ	22.5375, 23.1370, 9.4089
YIQ	130.2760, 33.7930, -12.2150

Conversions

Conversions Part 2

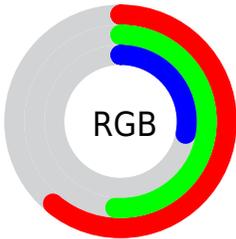
Format	Color
RYB	110, 155, 72
Decimal	10191176
CIELab	55.21, 2.52, 34.36
CIELCh	55, 34.452, 85.802
Yxy	23.1370, 0.4092, 0.4200
Android (android.graphics.Color)	4288381256 (0xFF9B8148)
YUV	130.2760, -28.7301, 21.6829
Hunter-Lab	48.1009, -0.5409, 22.0730

Details

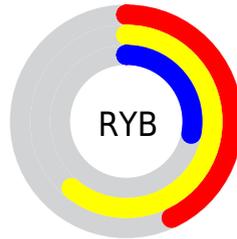
The Hex color **9B8148** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **48629B**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **D3B67A**, and **655019** is the 20% darker color. If you saturate the color by 10%, you get **9B7C39**, and if you desaturate by 10%, it is **9B8658**.

Distribution



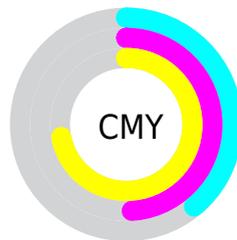
- Red (61%)
- Green (51%)
- Blue (28%)



- Red (43%)
- Yellow (61%)
- Blue (28%)



- Cyan (0%)
- Magenta (17%)
- Yellow (54%)
- Black (39%)



- Cyan (39%)
- Magenta (49%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B8148 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 9B8148 by changing the saturation by 10% instead.



9B8148



9B8148

FFFFFF



806830



D3B67A



655019



F0D194



4C3900



FFEDAF



332400



FFFFCB



1B0F00



FFFFE7



000000



9B8148



9B8148



9B7C39



9B8658



9B7729



9B8B67

 9B721A

 9B9077

 9B6E0A

 9B9486

 9B6A00

 9B9996

 9B9EA5

 9BA3B4

 9BA8C4

 9BADD4

Harmonies

Analogous

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



B27654



9B8148



7D8A4D

Triad

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



9B8148



00949D



A673A6

Complementary

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



9B8148



48629B

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.



817EBA



9B8148



0090B5

Square

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



9B8148



2C947F



4E88BF



BA6D8A

Rectangle

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



9B8148



668F59



4E88BF



9B77AE

Sweetspot

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



9B8148



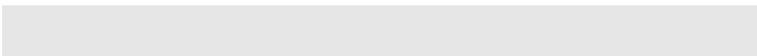
C9BFA9



9B4862



666053



E6E6E6



666666

Same Dimension

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



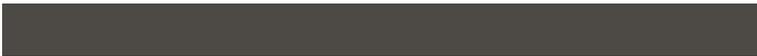
9B8148



C9A149



8C9B48



4D4A45



8C6000



0D0900

Inverse Universe

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



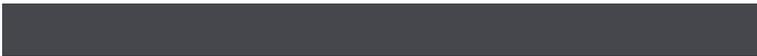
48629B



4971C9



57489B



45474D



002C8C



00040D

Previews

White Background



This preview shows how the Hex color 9B8148 looks on a white background.

Color Contrast Check

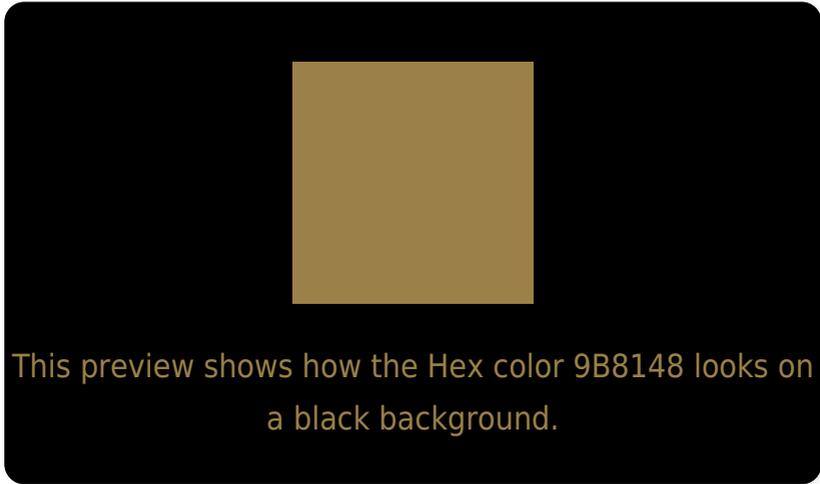
Large Text (above 18pt) WCAG AA ✓ Pass

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

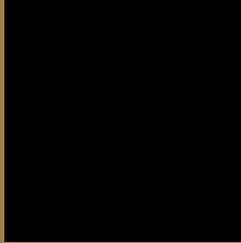
Any Text WCAG AA ✓ Pass

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 9B8148 Background



This preview shows how black text looks on a background with the Hex color 9B8148.



This preview shows how white text looks on a background with the Hex color 9B8148.

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
9B8148

Protanopia
928449

Deuteranopia
A27E49



Tritanopia
A07A84

Trichromacy



Original Color
9B8148

Protanomaly
958349

Deuteranomaly
9F7F49

Tritanomaly
9E7D6E

Monochromacy



Original Color
9B8148

Achromatopsia
828282

Achromatomaly
8B826D

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B8148 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 #9B8148 looks like.

```
.text, #text, p{  
    color:#9B8148  
}
```

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 #9B8148 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B8148
}
```

Border

The CSS property to change the border of an element to Hex 9B8148 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
#9B8148 }
```

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

```
.border{ border-color:#9B8148 }
```

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

Here you see how a box with a 4 pixel #9B8148 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B8148; -webkit-box-shadow:4px 4px  
4px 4px #9B8148; box-shadow:4px 4px 4px  
4px #9B8148 }
```

Background

The CSS property to change the background color of an element to Hex 9B8148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B8148 }
```

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

```
.background{ background-color:#9B8148 }
```

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