

Converting Colors

Hex(948A68)

Have a look what the booklet for
Hex(948A68) contains.

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Color

Hex(948A68)

Conversions

Conversions Part 1

Format	Color
Hex	948A68
RGB	148, 138, 104
RGB Percent	58%, 54%, 41%
CMY	0.4196, 0.4588, 0.5922
CMYK	0.00, 0.07, 0.30, 0.42
HSL	46°, 17%, 49%
HSV	46°, 30%, 58%
XYZ	23.7999, 25.4723, 16.7590
YIQ	137.1140, 16.8740, -8.4540

Conversions

Conversions Part 2

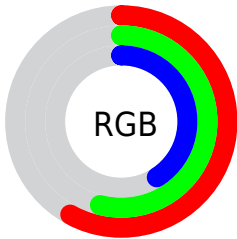
Format	Color
RYB	117, 148, 104
Decimal	9734760
CIELab	57.53, -1.80, 19.60
CIELCh	58, 19.680, 95.256
Yxy	25.4723, 0.3604, 0.3858
Android (android.graphics.Color)	4287924840 (0xFF948A68)
YUV	137.1140, -16.3252, 9.5470
Hunter-Lab	50.4701, -4.1485, 15.6414

Details

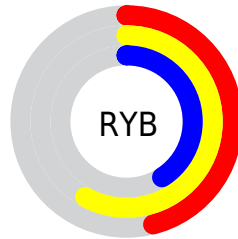
The Hex color **948A68** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **687294**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **CBBF9B**, and **615839** is the 20% darker color. If you saturate the color by 10%, you get **948759**, and if you desaturate by 10%, it is **948D77**.

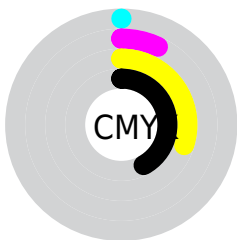
Distribution



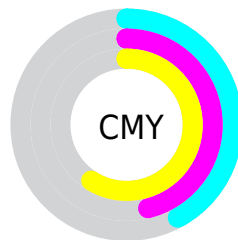
- Red (58%)
- Green (54%)
- Blue (41%)



- Red (46%)
- Yellow (58%)
- Blue (41%)



- Cyan (0%)
- Magenta (7%)
- Yellow (30%)
- Black (42%)



- Cyan (42%)
- Magenta (46%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 948A68 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 948A68 by changing the saturation by 10% instead.



948A68



948A68

FFFFFF



7A7150



CBBF9B



615839



E7DBB6



484123



FFF8D2



312B0D



FFFEE



1C1700



000000



948A68



948A68



948759



948D77



94834A



949186

94803C

949494

947D2D

9497A3

94791E

949BB2

94760F

949EC1

947200

94A2D0

94A5DE

94A8ED

Harmonies

Analogous

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



A3846B



948A68



818F6E

Triad

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



948A68



59939D



A38099

Complementary

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



948A68



687294

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.



9185A6



948A68



6490A9

Square

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



948A68



5E948D



7A8BAC



AD7E88

Rectangle

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



948A68



749276



7A8BAC



9E819E

Sweetspot

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



948A68



BFBBAE



946872



615E56



E0E0E0



616161

Same Dimension

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



948A68



BFB07A



889468



4A4843



8A6A00



0A0800

Inverse Universe

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



687294



7A8ABF



746894



43444A



001F8A



00020A

Previews

White Background



This preview shows how the Hex color 948A68 looks on a white background.

Color Contrast Check

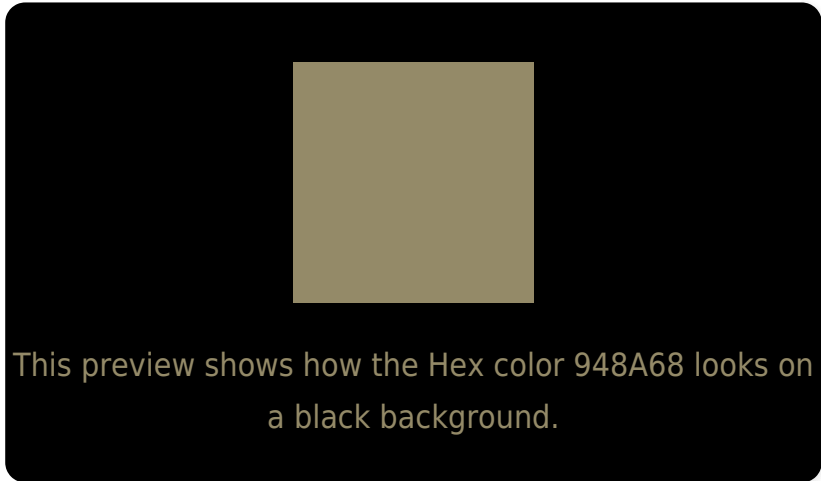
Large Text (above 18pt) WCAG AA ✓ Pass

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

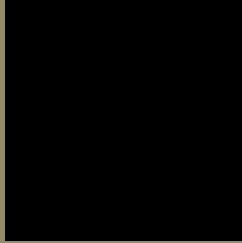
Any Text WCAG AA ✓ Pass

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 948A68 Background



This preview shows how black text looks on a background with the Hex color 948A68.



This preview shows how white text looks on a background with the Hex color 948A68.

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


948A68

Protanopia

948A68

Deuteranopia

A28569



Tritanopia
99858F

Trichromacy



Original Color
948A68

Protanomaly
948A68

Deuteranomaly
9D8769

Tritanomaly
978781

Monochromacy



Original Color
948A68

Achromatopsia
898989

Achromatomaly
8D897D

CSS Examples

Text

The CSS property to change the color of the text to Hex 948A68 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 #948A68 looks like.

```
.text, #text, p{  
    color:#948A68  
}
```

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 #948A68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #948A68
}
```

Border

The CSS property to change the border of an element to Hex 948A68 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
#948A68 }
```

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

```
.border{ border-color:#948A68 }
```

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

Here you see how a box with a 4 pixel #948A68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #948A68; -webkit-box-shadow:4px 4px  
4px 4px #948A68; box-shadow:4px 4px 4px  
4px #948A68 }
```

Background

The CSS property to change the background color of an element to Hex 948A68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#948A68 }
```

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

```
.background{ background-color:#948A68 }
```

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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