

Converting Colors

Hex(948D50)

Have a look what the booklet for
Hex(948D50) contains.

Hex(948D50)	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(948D50)

Conversions

Conversions Part 1

Format	Color
Hex	948D50
RGB	148, 141, 80
RGB Percent	58%, 55%, 31%
CMY	0.4196, 0.4471, 0.6863
CMYK	0.00, 0.05, 0.46, 0.42
HSL	54°, 30%, 45%
HSV	54°, 46%, 58%
XYZ	23.1856, 25.9248, 11.3714
YIQ	136.1390, 23.7530, -17.4870

Conversions

Conversions Part 2

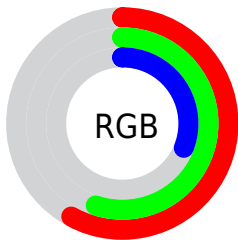
Format	Color
R_{YB}	88, 148, 80
Decimal	9735504
CIE _{Lab}	57.97, -6.40, 33.34
CIE _{LCh}	58, 33.951, 100.872
Yxy	25.9248, 0.3833, 0.4286
Android (android.graphics.Color)	4287925584 (0xFF948D50)
YUV	136.1390, -27.6765, 10.4021
Hunter-Lab	50.9164, -7.8210, 22.4000

Details

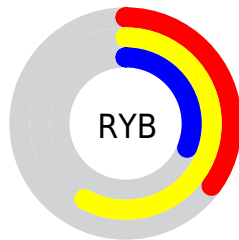
The Hex color **948D50** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **505794**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **CBC282**, and **605B21** is the 20% darker color. If you saturate the color by 10%, you get **948B41**, and if you desaturate by 10%, it is **948F5F**.

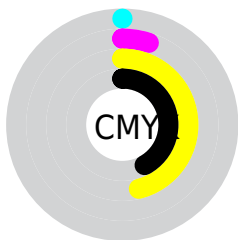
Distribution



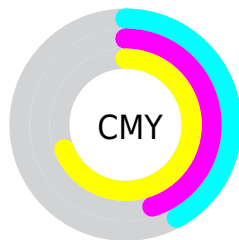
- Red (58%)
- Green (55%)
- Blue (31%)



- Red (35%)
- Yellow (58%)
- Blue (31%)



- Cyan (0%)
- Magenta (5%)
- Yellow (46%)
- Black (42%)



- Cyan (42%)
- Magenta (45%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 948D50 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 948D50 by changing the saturation by 10% instead.

 948D50

 948D50

FFFFFF

 797438

 CBC282

 605B21

 E8DE9D

 474408

 FFFBB8

 302E00

 FFFFD4

 171900

 FFFFF0

 000000

 948D50

 948D50

 948B41

 948F5F

 948A32

 94906E

 948824

 94927C

 948715

 94938B

 948506

 94959A

 948500

 9496A9

 9498B8

 9499C6

 949BD5

Harmonies

Analogous

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



AF8353



948D50



73955D

Triad

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



948D50



0099B1



B9779F

Complementary

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



948D50



505794

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.



9D80B8



948D50



3B94C3

Square

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



948D50



1C9B95



718BC5



C57481

Rectangle

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



948D50



5B986D



718BC5



B179A9

Sweetspot

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



948D50



BFBCA4



945058



615F50



E0E0E0



616161

Same Dimension

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



948D50



BFB456



7A9450



4A4943



8A7C00



0A0900

Inverse Universe

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



505794



5661BF



6A5094



43434A



000E8A



00010A

Previews

White Background



This preview shows how the Hex color 948D50 looks on a white background.

Color Contrast Check

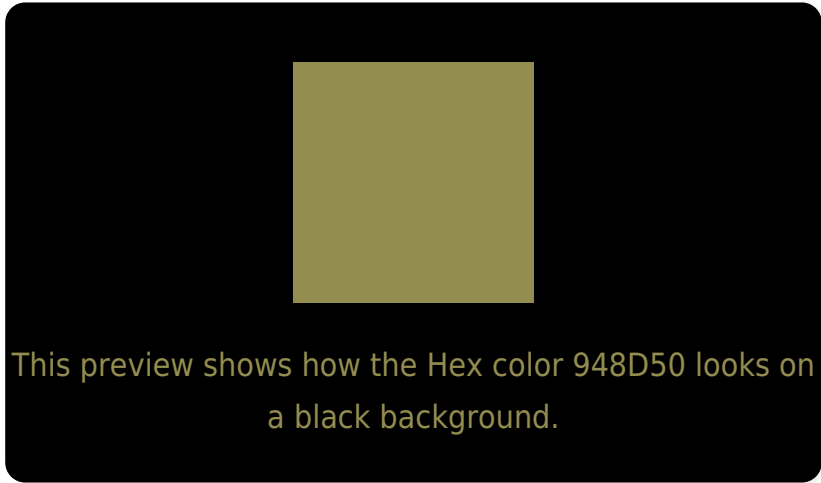
Large Text (above 18pt) WCAG AA ✓ Pass

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

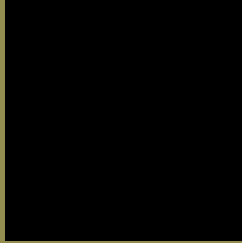
Any Text WCAG AA ✓ Pass

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 948D50 Background



This preview shows how black text looks on a background with the Hex color 948D50.



This preview shows how white text looks on a background with the Hex color 948D50.

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
948D50

Protanopia
998B4F

Deuteranopia
A98552



Tritanopia
9B8690

Trichromacy



Original Color
948D50

Protanomaly
978C4F

Deuteranomaly
A18851

Tritanomaly
988979

Monochromacy



Original Color
948D50

Achromatopsia
888888

Achromatomaly
8C8A74

CSS Examples

Text

The CSS property to change the color of the text to Hex 948D50 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 #948D50 looks like.

```
.text, #text, p{  
    color:#948D50  
}
```

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 #948D50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #948D50  
}
```

Border

The CSS property to change the border of an element to Hex 948D50 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  
#948D50 }
```

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

```
.border{ border-color:#948D50 }
```

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

Here you see how a box with a 4 pixel #948D50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #948D50; -webkit-box-shadow:4px 4px  
4px 4px #948D50; box-shadow:4px 4px 4px  
4px #948D50 }
```

Background

The CSS property to change the background color of an element to Hex 948D50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#948D50 }
```

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

```
.background{ background-color:#948D50 }
```

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