

Converting Colors

Hex(948E59)

Have a look what the booklet for
Hex(948E59) contains.

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Color

Hex(948E59)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 948E59 |
| RGB | 148, 142, 89 |
| RGB Percent | 58%, 56%, 35% |
| CMY | 0.4196, 0.4431, 0.6510 |
| CMYK | 0.00, 0.04, 0.40, 0.42 |
| HSL | 54°, 25%, 46% |
| HSV | 54°, 40%, 58% |
| XYZ | 23.6889, 26.3632, 13.2913 |
| YIQ | 137.7520, 20.5890, -15.2110 |

Conversions

Conversions Part 2

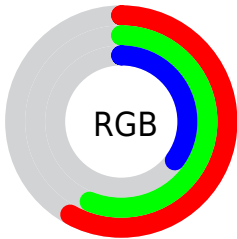
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 96, 148, 89 |
| Decimal | 9735769 |
| CIELab | 58.38, -5.95, 29.03 |
| CIELCh | 58, 29.632, 101.576 |
| Yxy | 26.3632, 0.3740, 0.4162 |
| Android (android.graphics.Color) | 4287925849 (0xFF948E59) |
| YUV | 137.7520, -24.0347, 8.9875 |
| Hunter-Lab | 51.3451, -7.4999, 20.5937 |

Details

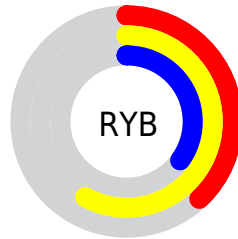
The Hex color **948E59** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **595F94**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **CBC48C**, and **605C2A** is the 20% darker color. If you saturate the color by 10%, you get **948C4A**, and if you desaturate by 10%, it is **949068**.

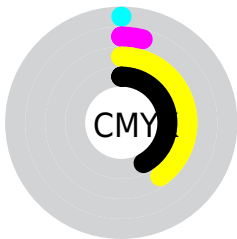
Distribution



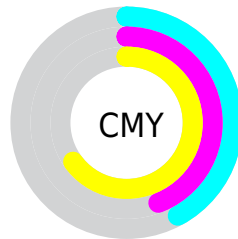
- Red (58%)
- Green (56%)
- Blue (35%)



- Red (38%)
- Yellow (58%)
- Blue (35%)



- Cyan (0%)
- Magenta (4%)
- Yellow (40%)
- Black (42%)



- Cyan (42%)
- Magenta (44%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 948E59 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 948E59 by changing the saturation by 10% instead.



948E59



948E59

FFFFFF



7A7441



CBC48C



605C2A



E7DFA6



474513



FFFC2



302E00



FFFFDE



191A00



FFFFFA



000000



948E59



948E59



948C4A



949068



948B3B



949177

■ 94892D

■ 949385

■ 94881E

■ 949494

■ 94860F

■ 9496A3

■ 948500

■ 9497B2

■ 9499C1

■ 949ACF

■ 949CDE

Harmonies

Analogous

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



AC855C



948E59



779565

Triad

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



948E59



3099AE



B57B9D

Complementary

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



948E59



595F94

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.



9C82B3



948E59



4F94BD

Square

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



948E59



399B96



788BBF



BF7983

Rectangle

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



948E59



639873



788BBF



AE7DA6

Sweetspot

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



948E59



BFBDA8



945960



616053



E0E0E0



616161

Same Dimension

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



948E59



BFB663



7D9459



4A4943



8A7C00



0A0900

Inverse Universe

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



595F94



636DBF



705994



43434A



000E8A



00010A

Previews

White Background



This preview shows how the Hex color 948E59 looks on a white background.

Color Contrast Check

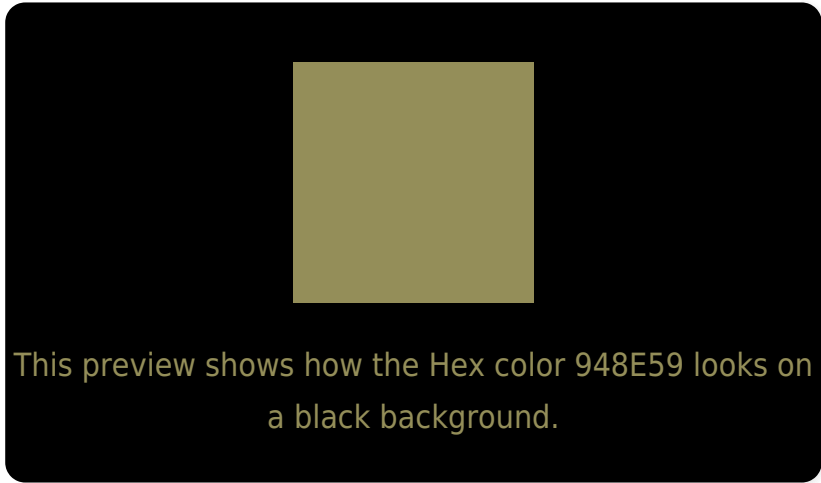
Large Text (above 18pt) WCAG AA ✓ Pass

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

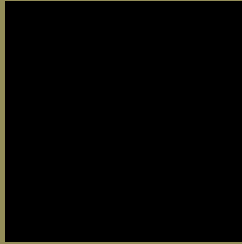
Any Text WCAG AA ✓ Pass

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 948E59 Background



This preview shows how black text looks on a background with the Hex color 948E59.



This preview shows how white text looks on a background with the Hex color 948E59.

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
948E59

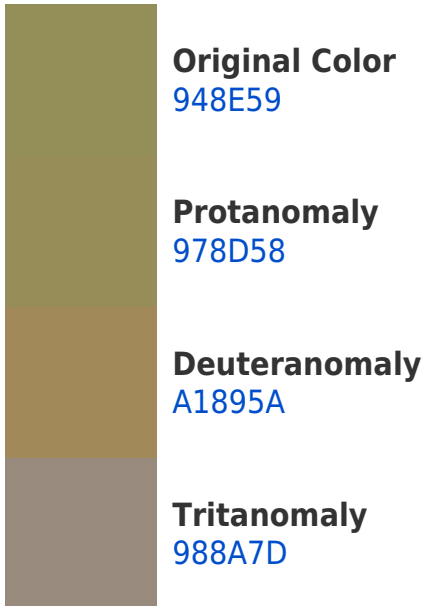
Protanopia
998C58

Deuteranopia
A9865B

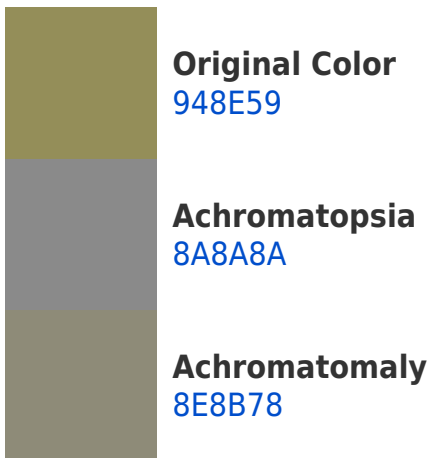


Tritanopia
9A8792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 948E59 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 #948E59 looks like.

```
.text, #text, p{  
    color:#948E59  
}
```

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 #948E59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #948E59
}
```

Border

The CSS property to change the border of an element to Hex 948E59 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
#948E59 }
```

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

```
.border{ border-color:#948E59 }
```

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

Here you see how a box with a 4 pixel #948E59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #948E59; -webkit-box-shadow:4px 4px  
4px 4px #948E59; box-shadow:4px 4px 4px  
4px #948E59 }
```

Background

The CSS property to change the background color of an element to Hex 948E59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#948E59 }
```

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

```
.background{ background-color:#948E59 }
```

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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