

Converting Colors

Hex(948E74)

Have a look what the booklet for
Hex(948E74) contains.

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Color

Hex(948E74)

Conversions

Conversions Part 1

Format	Color
Hex	948E74
RGB	148, 142, 116
RGB Percent	58%, 56%, 45%
CMY	0.4196, 0.4431, 0.5451
CMYK	0.00, 0.04, 0.22, 0.42
HSL	49°, 13%, 52%
HSV	49°, 22%, 58%
XYZ	25.0381, 26.9029, 20.3961
YIQ	140.8300, 11.9220, -6.8140

Conversions

Conversions Part 2

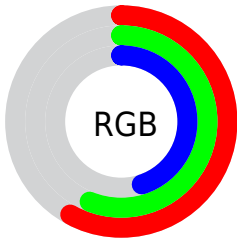
Format	Color
R_{YB}	123, 148, 116
Decimal	9735796
CIE _{Lab}	58.88, -2.26, 14.68
CIE _{LCh}	59, 14.848, 98.736
Yxy	26.9029, 0.3461, 0.3719
Android (android.graphics.Color)	4287925876 (0xFF948E74)
YUV	140.8300, -12.2412, 6.2881
Hunter-Lab	51.8680, -4.6019, 12.9929

Details

The Hex color **948E74** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **747A94**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **CAC4A8**, and **615C44** is the 20% darker color. If you saturate the color by 10%, you get **948B65**, and if you desaturate by 10%, it is **949183**.

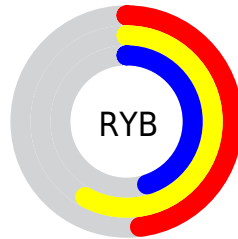
Distribution



Red (58%)

Green (56%)

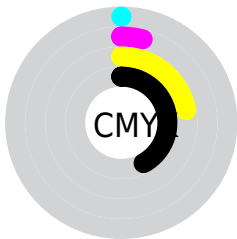
Blue (45%)



Red (48%)

Yellow (58%)

Blue (45%)

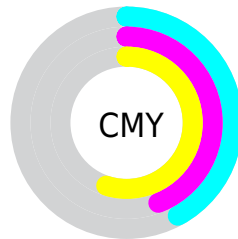


Cyan (0%)

Magenta (4%)

Yellow (22%)

Black (42%)



Cyan (42%)

Magenta (44%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 948E74 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 948E74 by changing the saturation by 10% instead.

 948E74

 948E74

FFFFFF

 7A745B

 CAC4A8

 615C44


 E7E0C3

 49442D

 FFFCDF

 322E18

 FFFFFC

 1E1900

 000000

 948E74

 948E74

 948B65

 949183

 948856

 949492

■ 948648

■ 9496A0

■ 948339

■ 9499AF

■ 94802A

■ 949CBE

■ 947D1B

■ 949FCD

■ 947B0C

■ 94A1DC

■ 947800

■ 94A4EA

■ 94A7F9

Harmonies

Analogous

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



A08A76



948E74



859279

Triad

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



948E74



6C949D



A28697

Complementary

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



948E74



747A94

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.



9589A2



948E74



7492A6

Square

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



948E74



6D9591



848EA7



A9858A

Rectangle

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



948E74



7B9480



848EA7



9E879B

Sweetspot

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



948E74



BFBDB4



94747A



61605A



E0E0E0



616161

Same Dimension

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



948E74



BFB68E



8A9474



4A4943



8A7000



0A0800

Inverse Universe

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



747A94



8E97BF



7E7494



43444A



001A8A



00020A

Previews

White Background



This preview shows how the Hex color 948E74 looks on a white background.

Color Contrast Check

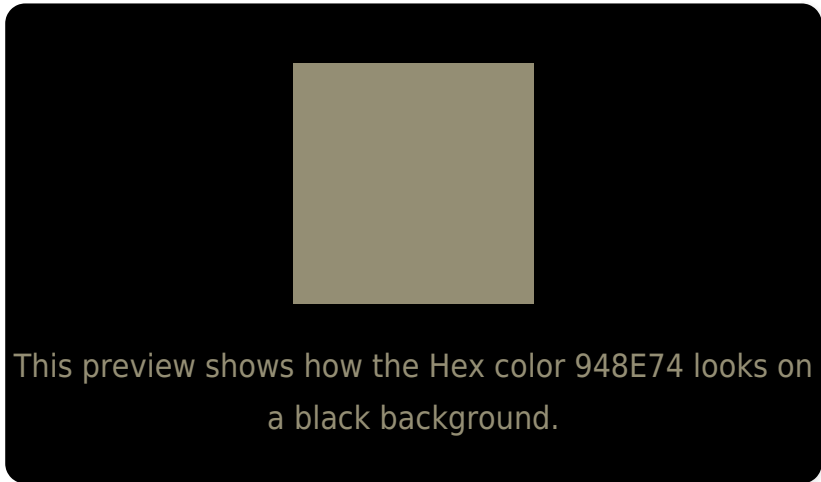
Large Text (above 18pt) WCAG AA ✓ Pass

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

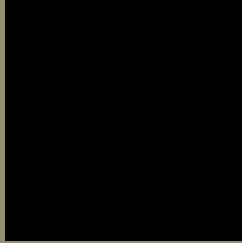
Any Text WCAG AA ✓ Pass

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 948E74 Background



This preview shows how black text looks on a background with the Hex color 948E74.



This preview shows how white text looks on a background with the Hex color 948E74.

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
948E74

Protanopia
968D74

Deuteranopia
A48875



Tritanopia
988A94

Trichromacy



Original Color
948E74

Protanomaly
958D74

Deuteranomaly
9E8A75

Tritanomaly
978B88

Monochromacy



Original Color
948E74

Achromatopsia
8D8D8D

Achromatomaly
908D84

CSS Examples

Text

The CSS property to change the color of the text to Hex 948E74 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 #948E74 looks like.

```
.text, #text, p{  
    color:#948E74  
}
```

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 #948E74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #948E74  
}
```

Border

The CSS property to change the border of an element to Hex 948E74 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  
#948E74 }
```

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

```
.border{ border-color:#948E74 }
```

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

Here you see how a box with a 4 pixel #948E74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #948E74; -webkit-box-shadow:4px 4px  
4px 4px #948E74; box-shadow:4px 4px 4px  
4px #948E74 }
```

Background

The CSS property to change the background color of an element to Hex 948E74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#948E74 }
```

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

```
.background{ background-color:#948E74 }
```

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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