

Converting Colors

Hex(938D62)

Have a look what the booklet for
Hex(938D62) contains.

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Color

Hex(938D62)

Conversions

Conversions Part 1

Format	Color
Hex	938D62
RGB	147, 141, 98
RGB Percent	58%, 55%, 38%
CMY	0.4235, 0.4471, 0.6157
CMYK	0.00, 0.04, 0.33, 0.42
HSL	53°, 20%, 48%
HSV	53°, 33%, 58%
XYZ	23.7621, 26.1346, 15.3474
YIQ	137.8920, 17.3790, -12.1010

Conversions

Conversions Part 2

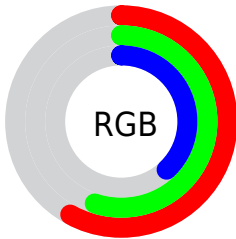
Format	Color
RYB	105, 147, 98
Decimal	9669986
CIELab	58.16, -4.69, 23.79
CIElCh	58, 24.244, 101.162
Yxy	26.1346, 0.3642, 0.4006
Android (android.graphics.Color)	4287860066 (0xFF938D62)
YUV	137.8920, -19.6668, 7.9877
Hunter-Lab	51.1220, -6.4948, 17.9860

Details

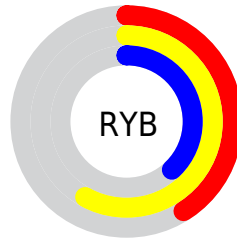
The Hex color **938D62** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **626893**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **CAC395**, and **5F5B33** is the 20% darker color. If you saturate the color by 10%, you get **938B53**, and if you desaturate by 10%, it is **938F71**.

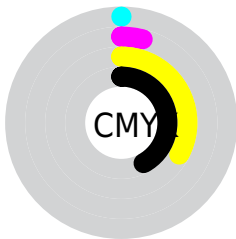
Distribution



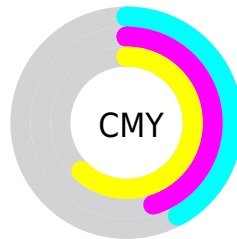
- Red (58%)
- Green (55%)
- Blue (38%)



- Red (41%)
- Yellow (58%)
- Blue (38%)



- Cyan (0%)
- Magenta (4%)
- Yellow (33%)
- Black (42%)



- Cyan (42%)
- Magenta (45%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 938D62 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 938D62 by changing the saturation by 10% instead.



938D62



938D62

FFFFFF



79744A



CAC395



5F5B33



E6DEB0



47441D



FFFBCE



302E05



FFFFEE



1A1900



000000



938D62



938D62



938B53



938F71



938945



93917F

■ 938836

■ 93928E

■ 938627

■ 93949D

■ 938419

■ 9396AB

■ 93820A

■ 9398BA

■ 938100

■ 939AC9

■ 939BD8

■ 939DE6

Harmonies

Analogous

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



A78664



938D62



7B936B

Triad

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



938D62



4B96A7



AD7E9A

Complementary

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



938D62



626893

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.



9984AC



938D62



5E92B3

Square

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



938D62



4F9893



7C8BB5



B67C85

Rectangle

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



938D62



6B9677



7C8BB5



A87FA1

Sweetspot

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



938D62



BFBDAC



936269



615F55



E0E0E0



616161

Same Dimension

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



938D62



BFB673



819362



4A4943



8A7900



0A0900

Inverse Universe

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



626893



737CBF



746293



43434A



00118A



00010A

Previews

White Background



This preview shows how the Hex color 938D62 looks on a white background.

Color Contrast Check

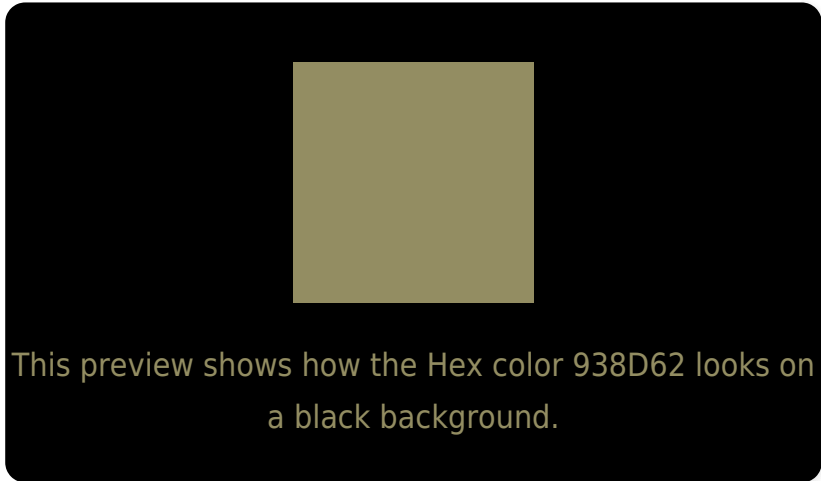
Large Text (above 18pt) WCAG AA ✓ Pass

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

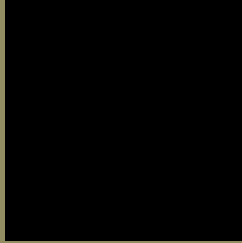
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

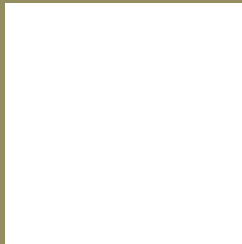
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 938D62 Background



This preview shows how black text looks on a background with the Hex color 938D62.



This preview shows how white text looks on a background with the Hex color 938D62.

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
938D62

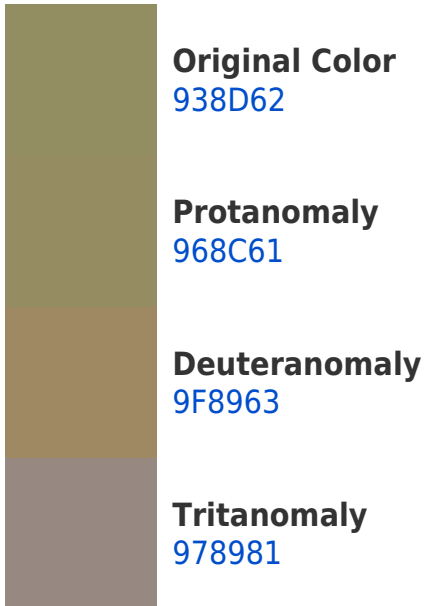
Protanopia
978C61

Deuteranopia
A68664

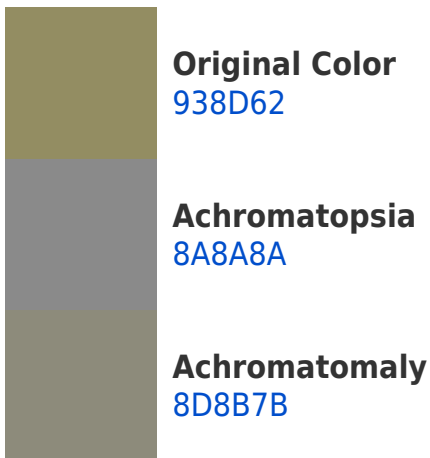


Tritanopia
998792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 938D62 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 #938D62 looks like.

```
.text, #text, p{  
    color:#938D62  
}
```

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 #938D62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #938D62
}
```

Border

The CSS property to change the border of an element to Hex 938D62 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
#938D62 }
```

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

```
.border{ border-color:#938D62 }
```

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

Here you see how a box with a 4 pixel #938D62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #938D62; -webkit-box-shadow:4px 4px  
4px 4px #938D62; box-shadow:4px 4px 4px  
4px #938D62 }
```

Background

The CSS property to change the background color of an element to Hex 938D62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#938D62 }
```

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

```
.background{ background-color:#938D62 }
```

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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