

Converting Colors

Hex(938D67)

Have a look what the booklet for
Hex(938D67) contains.

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Color

Hex(938D67)

Conversions

Conversions Part 1

Format	Color
Hex	938D67
RGB	147, 141, 103
RGB Percent	58%, 55%, 40%
CMY	0.4235, 0.4471, 0.5961
CMYK	0.00, 0.04, 0.30, 0.42
HSL	52°, 18%, 49%
HSV	52°, 30%, 58%
XYZ	24.0057, 26.2321, 16.6300
YIQ	138.4620, 15.7740, -10.5460

Conversions

Conversions Part 2

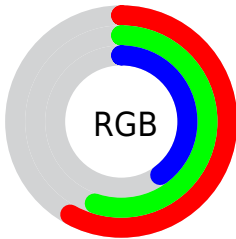
Format	Color
RYB	110, 147, 103
Decimal	9669991
CIELab	58.26, -4.02, 21.12
CIELCh	58, 21.500, 100.769
Yxy	26.2321, 0.3590, 0.3923
Android (android.graphics.Color)	4287860071 (0xFF938D67)
YUV	138.4620, -17.4828, 7.4878
Hunter-Lab	51.2173, -5.9667, 16.6009

Details

The Hex color **938D67** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **676D93**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **CAC39A**, and **605B38** is the 20% darker color. If you saturate the color by 10%, you get **938B58**, and if you desaturate by 10%, it is **938F76**.

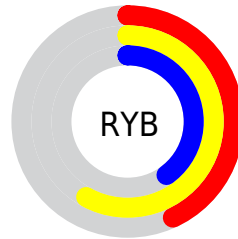
Distribution



Red (58%)

Green (55%)

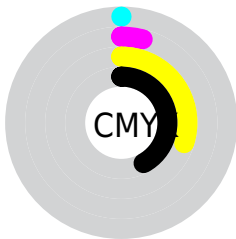
Blue (40%)



Red (43%)

Yellow (58%)

Blue (40%)

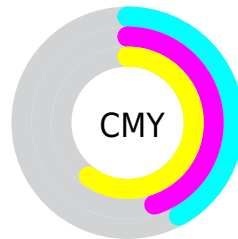


Cyan (0%)

Magenta (4%)

Yellow (30%)

Black (42%)



Cyan (42%)

Magenta (45%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 938D67 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 938D67 by changing the saturation by 10% instead.

 938D67

 938D67

FFFFFF

 79744F

 CAC39A

 605B38

 E6DEB5

 474422

 FFFBD1

 302D0C

 FFFFED

 1B1900

 000000

 938D67

 938D67

 938B58

 938F76

 93894A

 939184

■ 93873B

■ 939393

■ 93852C

■ 9395A2

■ 93831E

■ 9397B1

■ 93810F

■ 9399BF

■ 937F00

■ 939BCE

■ 939DDD

■ 939FEB

Harmonies

Analogous

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



A58769



938D67



7E926F

Triad

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



938D67



5695A4



AA8099

Complementary

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



938D67



676D93

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.



9885A9



938D67



6591AF

Square

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



938D67



599792



7E8BB1



B27E86

Rectangle

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



938D67



709579



7E8BB1



A5819F

Sweetspot

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



938D67



BFBD4E



93676E



615F56



E0E0E0



616161

Same Dimension

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



938D67



BFB67A



849367



4A4943



8A7700



0A0900

Inverse Universe

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



676D93



7A84BF



766793



43444A



00138A



00010A

Previews

White Background



This preview shows how the Hex color 938D67 looks on a white background.

Color Contrast Check

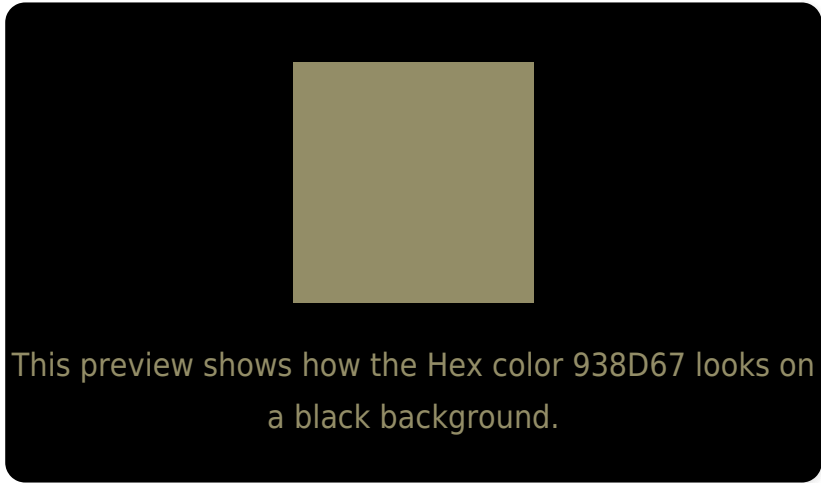
Large Text (above 18pt) WCAG AA ✓ Pass

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

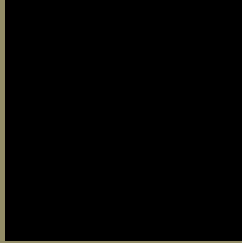
Any Text WCAG AA ✓ Pass

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 938D67 Background



This preview shows how black text looks on a background with the Hex color 938D67.



This preview shows how white text looks on a background with the Hex color 938D67.

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
938D67

Protanopia
968C67

Deuteranopia
A58668



Tritanopia
988792

Trichromacy



Original Color
938D67

Protanomaly
958C67

Deuteranomaly
9E8968

Tritanomaly
968982

Monochromacy



Original Color
938D67

Achromatopsia
8A8A8A

Achromatomaly
8D8B7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 938D67 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 #938D67 looks like.

```
.text, #text, p{  
    color:#938D67  
}
```

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 #938D67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #938D67
}
```

Border

The CSS property to change the border of an element to Hex 938D67 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
#938D67 }
```

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

```
.border{ border-color:#938D67 }
```

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

Here you see how a box with a 4 pixel #938D67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #938D67; -webkit-box-shadow:4px 4px  
4px 4px #938D67; box-shadow:4px 4px 4px  
4px #938D67 }
```

Background

The CSS property to change the background color of an element to Hex 938D67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#938D67 }
```

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

```
.background{ background-color:#938D67 }
```

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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