

Converting Colors

Hex(938C83)

Have a look what the booklet for
Hex(938C83) contains.

Hex(938C83)	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(938C83)

Conversions

Conversions Part 1

Format	Color
Hex	938C83
RGB	147, 140, 131
RGB Percent	58%, 55%, 51%
CMY	0.4235, 0.4510, 0.4863
CMYK	0.00, 0.05, 0.11, 0.42
HSL	34°, 7%, 55%
HSV	34°, 11%, 58%
XYZ	25.5074, 26.5979, 25.2623
YIQ	141.0670, 7.0610, -1.3150

Conversions

Conversions Part 2

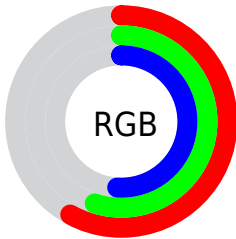
Format	Color
R_{YB}	143, 147, 131
Decimal	9669763
CIE Lab	58.60, 0.96, 5.73
CIE LCh	59, 5.806, 80.490
Yxy	26.5979, 0.3297, 0.3438
Android (android.graphics.Color)	4287859843 (0xFF938C83)
YUV	141.0670, -4.9630, 5.2032
Hunter-Lab	51.5732, -1.9692, 7.0590

Details

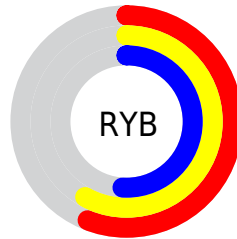
The Hex color **938C83** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **838A93**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **C9C2B8**, and **605A52** is the 20% darker color. If you saturate the color by 10%, you get **938674**, and if you desaturate by 10%, it is **939292**.

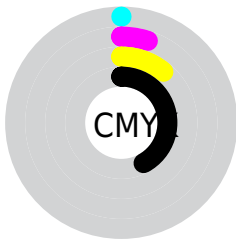
Distribution



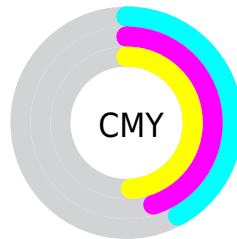
- Red (58%)
- Green (55%)
- Blue (51%)



- Red (56%)
- Yellow (58%)
- Blue (51%)



- Cyan (0%)
- Magenta (5%)
- Yellow (11%)
- Black (42%)



- Cyan (42%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 938C83 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 938C83 by changing the saturation by 10% instead.



938C83



938C83

FFFFFF



79736A



C9C2B8



605A52



E5DDD4



49433B



FFFAF0



322D25



1D1810



000000



938C83



938C83



938674



939292



937F66



9399A0

 937957

 939FAF

 937248

 93A6BE

 936C39

 93ACCD

 93652B

 93B3DB

 935F1C

 93B9EA

 93590D

 93BFF9

 935300

 93C6FF

Harmonies

Analogous

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



978B85



938C83



8D8E83

Triad

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



938C83



819090



928B93

Complementary

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



938C83



838A93

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.



8C8C96



938C83



828F95

Square

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



938C83



83908B



868E97



978A8F

Rectangle

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



938C83



898F85



868E97



908B95

Sweetspot

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



938C83



BFBDBA



93838A



615F5D



E0E0E0



616161

Same Dimension

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



938C83



BFB4A6



929383



4A4743



8A4D00



0A0600

Inverse Universe

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



838A93



A6B1BF



848393



43464A



003C8A



00040A

Previews

White Background



This preview shows how the Hex color 938C83 looks on a white background.

Color Contrast Check

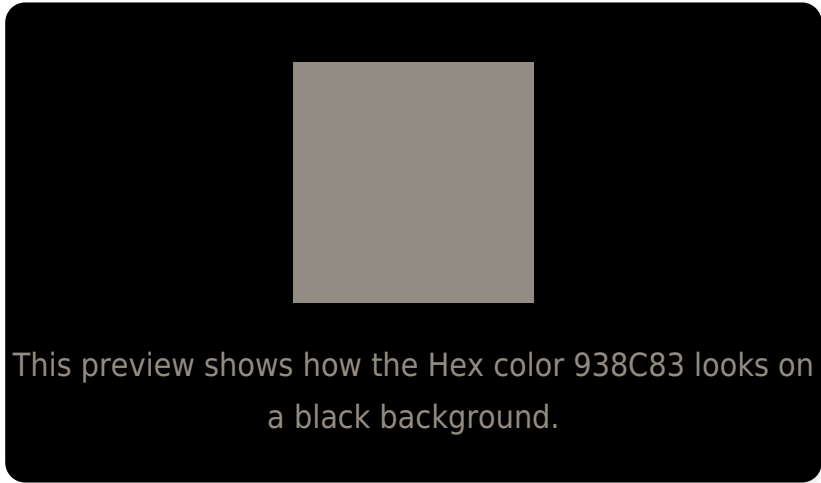
Large Text (above 18pt) WCAG AA ✓ Pass

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

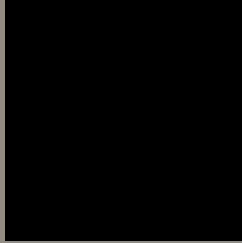
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

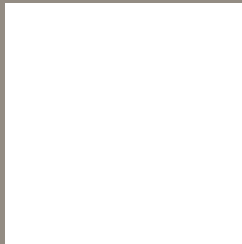
Any Text WCAG AAA × Fail

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

Hex 938C83 Background



This preview shows how black text looks on a background with the Hex color 938C83.



This preview shows how white text looks on a background with the Hex color 938C83.

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
938C83

Protanopia
928C83

Deuteranopia
9E8884



Tritanopia
958994

Trichromacy



Original Color
938C83

Protanomaly
928C83

Deuteranomaly
9A8984

Tritanomaly
948A8E

Monochromacy



Original Color
938C83

Achromatopsia
8D8D8D

Achromatomaly
8F8D89

CSS Examples

Text

The CSS property to change the color of the text to Hex 938C83 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 #938C83 looks like.

```
.text, #text, p{  
    color:#938C83  
}
```

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 #938C83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #938C83
}
```

Border

The CSS property to change the border of an element to Hex 938C83 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
#938C83 }
```

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

```
.border{ border-color:#938C83 }
```

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

Here you see how a box with a 4 pixel #938C83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #938C83; -webkit-box-shadow:4px 4px  
4px 4px #938C83; box-shadow:4px 4px 4px  
4px #938C83 }
```

Background

The CSS property to change the background color of an element to Hex 938C83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#938C83 }
```

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

```
.background{ background-color:#938C83 }
```

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