

Converting Colors

Hex(938F87)

Have a look what the booklet for
Hex(938F87) contains.

Hex(938F87)	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(938F87)

Conversions

Conversions Part 1

Format	Color
Hex	938F87
RGB	147, 143, 135
RGB Percent	58%, 56%, 53%
CMY	0.4235, 0.4392, 0.4706
CMYK	0.00, 0.03, 0.08, 0.42
HSL	40°, 5%, 55%
HSV	40°, 8%, 58%
XYZ	26.2283, 27.5972, 26.8661
YIQ	143.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

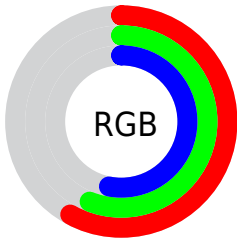
Format	Color
RYB	141, 147, 135
Decimal	9670535
CIELab	59.52, -0.01, 4.77
CIElCh	60, 4.770, 90.104
Yxy	27.5972, 0.3250, 0.3420
Android (android.graphics.Color)	4287860615 (0xFF938F87)
YUV	143.2840, -4.0840, 3.2589
Hunter-Lab	52.5331, -2.8129, 6.4515

Details

The Hex color **938F87** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **878B93**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **C9C5BC**, and **605D55** is the 20% darker color. If you saturate the color by 10%, you get **938A78**, and if you desaturate by 10%, it is **939496**.

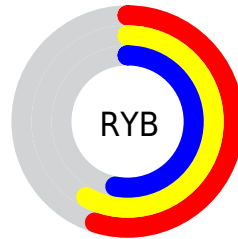
Distribution



Red (58%)

Green (56%)

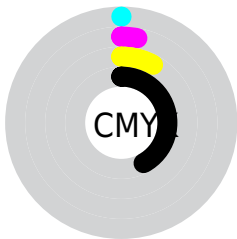
Blue (53%)



Red (55%)

Yellow (58%)

Blue (53%)

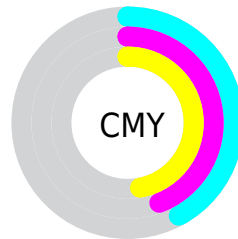


Cyan (0%)

Magenta (3%)

Yellow (8%)

Black (42%)



Cyan (42%)

Magenta (44%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 938F87 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 938F87 by changing the saturation by 10% instead.



938F87



938F87

FFFFFF



79756E



C9C5BC



605D55



E5E1D8



49453E



FFFDF4



322F28



1D1A14



000000



938F87



938F87



938A78



939496



93856A



9399A4

■ 93805B

■ 939EB3

■ 937B4C

■ 93A3C2

■ 93773E

■ 93A7D1

■ 93722F

■ 93ACDF

■ 936D20

■ 93B1EE

■ 936811

■ 93B6FD

■ 936303

■ 93BBFF

Harmonies

Analogous

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



978E88



938F87



8E9088

Triad

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



938F87



859293



958D94

Complementary

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



938F87



878B93

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.



908E97



938F87



879196

Square

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



938F87



86928F



8B9098



988D8F

Rectangle

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



938F87



8B918A



8B9098



948D95

Sweetspot

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



938F87



BFBEBB



93878B



61605F



E0E0E0



616161

Same Dimension

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



938F87



BFB9AC



919387



4A4743



8A5C00



0A0700

Inverse Universe

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



878B93



ACB3BF



898793



43454A



002E8A



00030A

Previews

White Background



This preview shows how the Hex color 938F87 looks on a white background.

Color Contrast Check

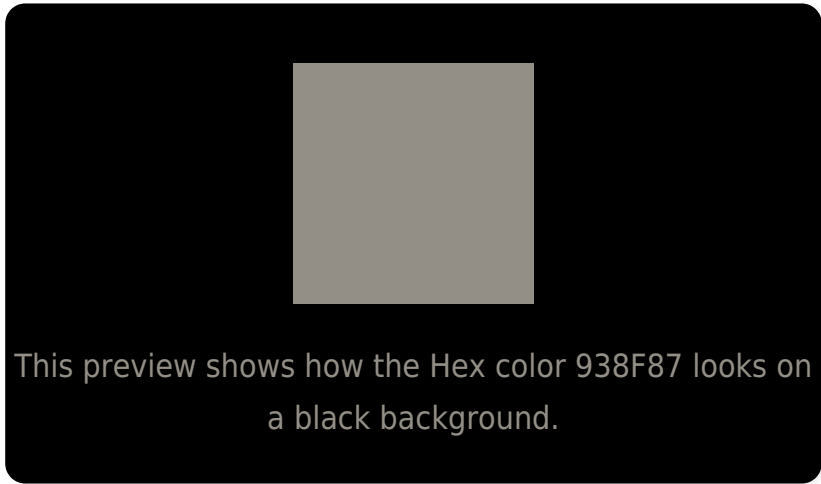
Large Text (above 18pt) WCAG AA ✓ Pass

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

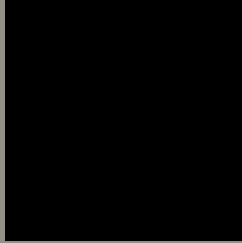
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

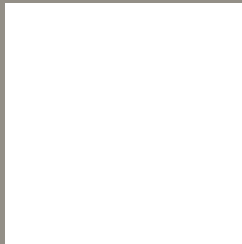
Any Text WCAG AAA × Fail

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

Hex 938F87 Background



This preview shows how black text looks on a background with the Hex color 938F87.



This preview shows how white text looks on a background with the Hex color 938F87.

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
938F87

Protanopia
948F87

Deuteranopia
A08A88



Tritanopia
958D98

Trichromacy



Original Color
938F87

Protanomaly
948F87

Deuteranomaly
9B8C88

Tritanomaly
948E92

Monochromacy



Original Color
938F87

Achromatopsia
8F8F8F

Achromatomaly
908F8C

CSS Examples

Text

The CSS property to change the color of the text to Hex 938F87 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 #938F87 looks like.

```
.text, #text, p{  
    color:#938F87  
}
```

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 #938F87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #938F87
}
```

Border

The CSS property to change the border of an element to Hex 938F87 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
#938F87 }
```

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

```
.border{ border-color:#938F87 }
```

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

Here you see how a box with a 4 pixel #938F87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #938F87; -webkit-box-shadow:4px 4px  
4px 4px #938F87; box-shadow:4px 4px 4px  
4px #938F87 }
```

Background

The CSS property to change the background color of an element to Hex 938F87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#938F87 }
```

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

```
.background{ background-color:#938F87 }
```

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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