

Converting Colors

Hex(938176)

Have a look what the booklet for
Hex(938176) contains.

Hex(938176)	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(938176)

Conversions

Conversions Part 1

Format	Color
Hex	938176
RGB	147, 129, 118
RGB Percent	58%, 51%, 46%
CMY	0.4235, 0.4941, 0.5373
CMYK	0.00, 0.12, 0.20, 0.42
HSL	23°, 12%, 52%
HSV	23°, 20%, 58%
XYZ	23.1529, 23.2116, 20.3995
YIQ	133.1280, 14.2590, 0.3950

Conversions

Conversions Part 2

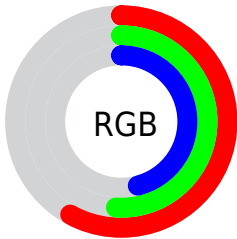
Format	Color
R_{YB}	147, 136, 118
Decimal	9666934
CIE Lab	55.29, 4.98, 8.47
CIE LCh	55, 9.829, 59.531
Yxy	23.2116, 0.3468, 0.3477
Android (android.graphics.Color)	4287857014 (0xFF938176)
YUV	133.1280, -7.4581, 12.1657
Hunter-Lab	48.1784, 1.4689, 8.6205

Details

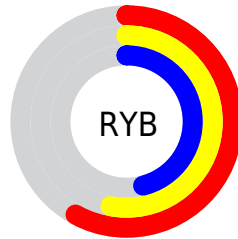
The Hex color **938176** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **768893**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **C9B6AA**, and **605046** is the 20% darker color. If you saturate the color by 10%, you get **937867**, and if you desaturate by 10%, it is **938A85**.

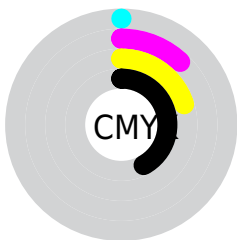
Distribution



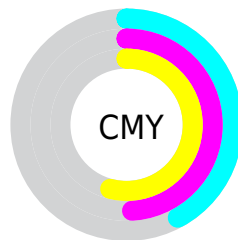
- Red (58%)
- Green (51%)
- Blue (46%)



- Red (58%)
- Yellow (53%)
- Blue (46%)



- Cyan (0%)
- Magenta (12%)
- Yellow (20%)
- Black (42%)



- Cyan (42%)
- Magenta (49%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 938176 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 938176 by changing the saturation by 10% instead.

 938176

 938176

FFFFFF

 79685D

 C9B6AA

 605046

 E5D1C5

 48392F

 FFEEE1

 31231B

FFFFFFE

 1E0E00

 000000

 938176

 938176

 937867

 938A85

 936F59

 939393

93664A

939CA2

935D3B

93A5B1

93532D

93AFBF

934A1E

93B8CE

93410F

93C1DD

933800

93CAEC

93D3FA

Harmonies

Analogous

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



977F7C



938176



8C8473

Triad

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



938176



718984



868293

Complementary

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



938176



768893

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.



7B8595



938176



6F898C

Square

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



938176



78887C



738893



90808D

Rectangle

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



938176



858674



738893



828394

Sweetspot

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



938176



BFB8B4



937688



615D5A



E0E0E0



616161

Same Dimension

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



938176



BFA391



938F76



4A4543



8A3400



0A0400

Inverse Universe

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



768893



91AEBF



767A93



43474A



00558A



00060A

Previews

White Background



This preview shows how the Hex color 938176 looks on a white background.

Color Contrast Check

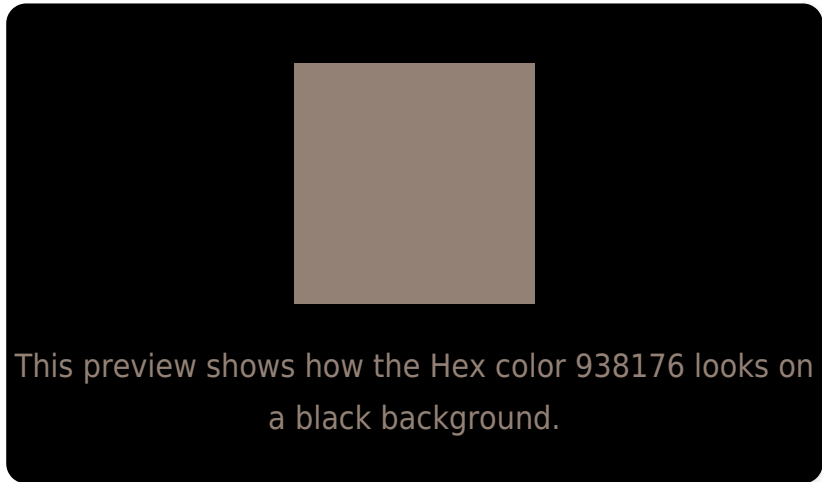
Large Text (above 18pt) WCAG AA ✓ Pass

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

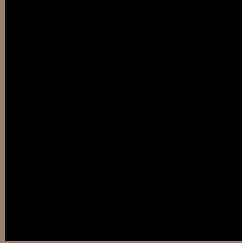
Any Text WCAG AA ✓ Pass

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 938176 Background



This preview shows how black text looks on a background with the Hex color 938176.



This preview shows how white text looks on a background with the Hex color 938176.

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
938176

Protanopia
8A8478

Deuteranopia
968076



Tritanopia
957E88

Trichromacy



Original Color
938176

Protanomaly
8D8377

Deuteranomaly
958076

Tritanomaly
947F81

Monochromacy



Original Color
938176

Achromatopsia
858585

Achromatomaly
8A8480

CSS Examples

Text

The CSS property to change the color of the text to Hex 938176 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 #938176 looks like.

```
.text, #text, p{  
    color:#938176  
}
```

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 #938176 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #938176
}
```

Border

The CSS property to change the border of an element to Hex 938176 is called "border". The border property can be set on classes, ids or directly on the HTML element.

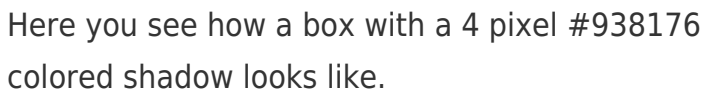
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#938176 }
```

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

```
.border{ border-color:#938176 }
```

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



Here you see how a box with a 4 pixel #938176 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #938176; -webkit-box-shadow:4px 4px  
4px 4px #938176; box-shadow:4px 4px 4px  
4px #938176 }
```

Background

The CSS property to change the background color of an element to Hex 938176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#938176 }
```

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

```
.background{ background-color:#938176 }
```

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