

# Converting Colors

Hex(938B40)

Have a look what the booklet for  
Hex(938B40) contains.

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**Color**

**Hex(938B40)**

# Conversions

## Conversions Part 1

Format	Color
Hex	938B40
RGB	147, 139, 64
RGB Percent	58%, 55%, 25%
CMY	0.4235, 0.4549, 0.7490
CMYK	0.00, 0.05, 0.56, 0.42
HSL	54°, 39%, 41%
HSV	54°, 56%, 58%
XYZ	22.1907, 25.0384, 8.5138
YIQ	132.8420, 28.8430, -21.6290

# Conversions

## Conversions Part 2

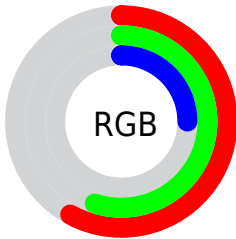
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">73, 147, 64</a>
Decimal	<a href="#">9669440</a>
CIELab	<a href="#">57.11, -7.26, 40.53</a>
CIELCh	<a href="#">57, 41.179, 100.158</a>
Yxy	<a href="#">25.0384, 0.3981, 0.4492</a>
Android (android.graphics.Color)	<a href="#">4287859520 (0xFF938B40)</a>
YUV	<a href="#">132.8420, -33.9391, 12.4166</a>
Hunter-Lab	<a href="#">50.0384, -8.4075, 24.9390</a>

# Details

The Hex color **938B40** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **404893**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **CBC072**, and **5E590D** is the 20% darker color. If you saturate the color by 10%, you get **938A31**, and if you desaturate by 10%, it is **938C4F**.

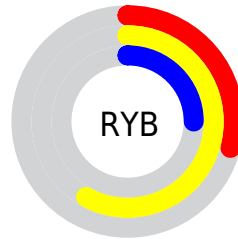
# Distribution



Red (58%)

Green (55%)

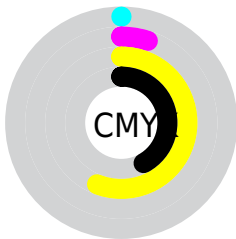
Blue (25%)



Red (29%)

Yellow (58%)

Blue (25%)

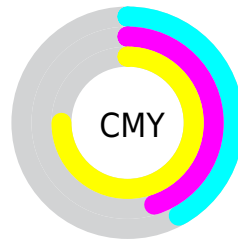


Cyan (0%)

Magenta (5%)

Yellow (56%)

Black (42%)



Cyan (42%)

Magenta (45%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 938B40 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 938B40 by changing the saturation by 10% instead.



 938B40

 938B40

FFFFFF

 787228

 CBC072

 5E590D

 E8DC8C

 454200

 FFF9A7

 2C2C00

 FFFFC3

 131800

 FFFFDF

 000000

FFFFFFC

 938B40

 938B40

 938A31

 938C4F

■ 938823

■ 938E5D

■ 938714

■ 938F6C

■ 938505

■ 93917B

■ 938500

■ 93928A

■ 939498

■ 9395A7

■ 9396B6

■ 9398C4

# Harmonies

## Analogous

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



B37F45



938B40



6C9450

# Triad

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



938B40



009AB6



BF6FA2

# Complementary

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



938B40



404893

# 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.



9C7BC0



938B40



0093CC

# Square

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



938B40



009C95



6489D0



CD6B7E

# Rectangle

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



938B40



4C9864



6489D0



B672AD



# Sweetspot

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



938B40



BFBC9F



934048



615F4E



E0E0E0



616161



# Same Dimension

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



938B40



BFB33D



729340



4A4943



8A7C00



0A0900



# Inverse Universe

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



404893



3D4ABF



614093



43434A



000D8A



00010A



# Previews

## White Background



This preview shows how the Hex color 938B40 looks on a white background.

## Color Contrast Check

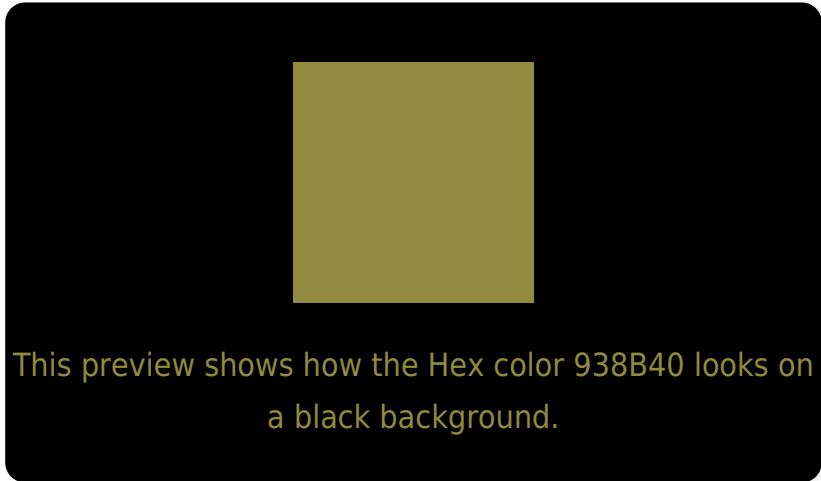
Large Text (above 18pt) WCAG AA ✓ Pass

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

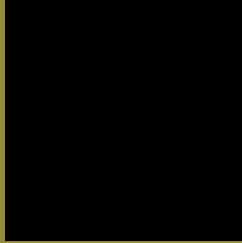
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 938B40 Background



This preview shows how black text looks on a background with the Hex color 938B40.



This preview shows how white text looks on a background with the Hex color 938B40.

# 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**  
938B40

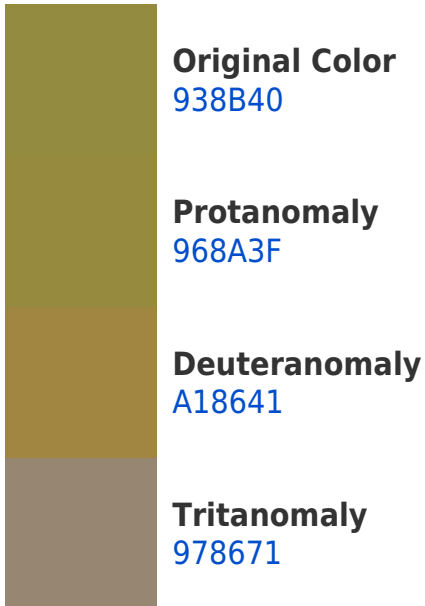
**Protanopia**  
98893F

**Deuteranopia**  
A98342

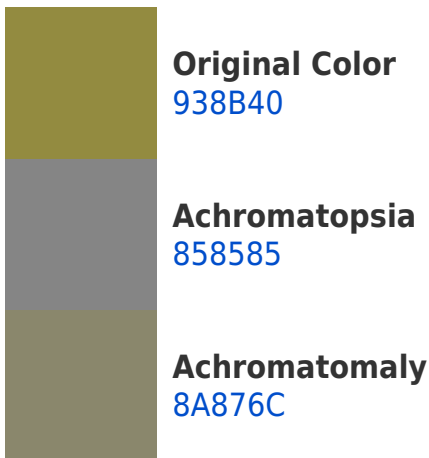


**Tritanopia**  
9A838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 938B40 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 #938B40 looks like.

```
.text, #text, p{  
    color:#938B40  
}
```

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 #938B40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #938B40
}
```

## Border

The CSS property to change the border of an element to Hex 938B40 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
#938B40 }
```

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

```
.border{ border-color:#938B40 }
```

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

Here you see how a box with a 4 pixel #938B40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #938B40; -webkit-box-shadow:4px 4px  
4px 4px #938B40; box-shadow:4px 4px 4px  
4px #938B40 }
```

# Background

The CSS property to change the background color of an element to Hex 938B40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#938B40 }
```

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

```
.background{ background-color:#938B40 }
```

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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