

# Converting Colors

Hex(898D36)

Have a look what the booklet for  
Hex(898D36) contains.

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**Color**

**Hex(898D36)**

# Conversions

## Conversions Part 1

Format	Color
Hex	898D36
RGB	137, 141, 54
RGB Percent	54%, 55%, 21%
CMY	0.4627, 0.4471, 0.7882
CMYK	0.03, 0.00, 0.62, 0.45
HSL	63°, 45%, 38%
HSV	63°, 62%, 55%
XYZ	20.5073, 24.6345, 7.1641
YIQ	129.8860, 25.5430, -27.9050

# Conversions

## Conversions Part 2

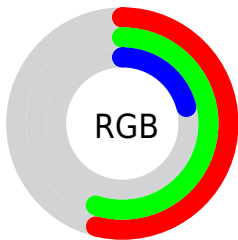
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 141, 58
Decimal	9014582
CIELab	56.72, -13.55, 44.63
CIELCh	57, 46.645, 106.886
Yxy	24.6345, 0.3921, 0.4710
Android (android.graphics.Color)	4287204662 (0xFF898D36)
YUV	129.8860, -37.4118, 6.2390
Hunter-Lab	49.6331, -13.1059, 26.1852

# Details

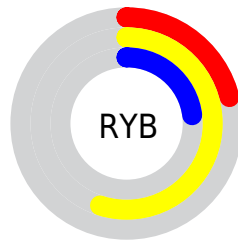
The Hex color **898D36** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3A368D**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **C0C269**, and **545B00** is the 20% darker color. If you saturate the color by 10%, you get **888D28**, and if you desaturate by 10%, it is **8A8D44**.

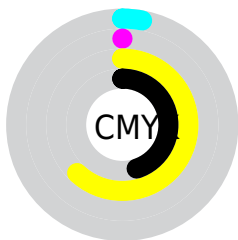
# Distribution



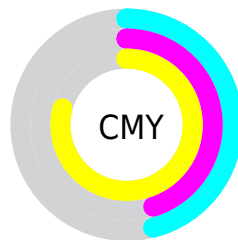
- Red (54%)
- Green (55%)
- Blue (21%)



- Red (21%)
- Yellow (55%)
- Blue (23%)



- Cyan (3%)
- Magenta (0%)
- Yellow (62%)
- Black (45%)



- Cyan (46%)
- Magenta (45%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 898D36 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 898D36 by changing the saturation by 10% instead.





898D36



898D36

FFFFFF



6E741C



C0C269



545B00



DDDE83



3C4400



FAFB9E



232E00



FFFFB9



021A00



FFFFD5



000000



FFFFF2



898D36



898D36



888D28



8A8D44

■ 888D1A

■ 8A8D52

■ 878D0C

■ 8B8D60

■ 878D00

■ 8C8D6E

■ 8C8D7D

■ 8D8D8B

■ 8E8D99

■ 8E8DA7

■ 8F8DB5

# Harmonies

## Analogous

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



AE8037



898D36



5A964E

# Triad

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



898D36



0099C2



CA679C

# Complementary

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



898D36



3A368D

# 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.



A874C0



898D36



0092D7

# Square

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



898D36



009C9E



6C84D6



D46673

# Rectangle

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



898D36



2D9A67



6C84D6



C16AA9



# Sweetspot

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



898D36



B6B895



8D3936



5B5C47



DBDBDB



5C5C5C



# Same Dimension

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



898D36



B1B830



5F8D36



474740



818700



070800



# Inverse Universe

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



3A368D



3630B8



64368D



414047



060087



000008



# Previews

## White Background



This preview shows how the Hex color 898D36 looks on a white background.

## Color Contrast Check

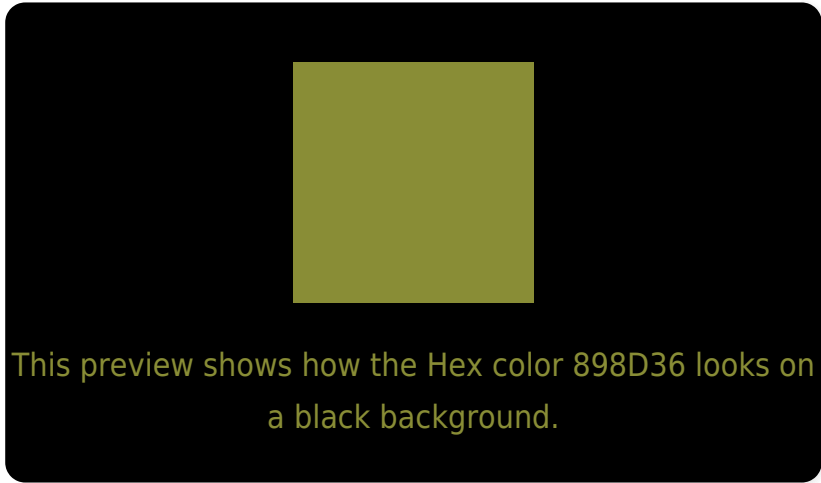
Large Text (above 18pt) WCAG AA ✓ Pass

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 898D36 Background



This preview shows how black text looks on a background with the Hex color 898D36.



This preview shows how white text looks on a background with the Hex color 898D36.

# 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





**Tritanopia**  
92848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 898D36 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 #898D36 looks like.

```
.text, #text, p{  
    color:#898D36  
}
```

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 #898D36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #898D36  
}
```

## Border

The CSS property to change the border of an element to Hex 898D36 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  
#898D36 }
```

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

```
.border{ border-color:#898D36 }
```

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

Here you see how a box with a 4 pixel #898D36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #898D36; -webkit-box-shadow:4px 4px  
4px 4px #898D36; box-shadow:4px 4px 4px  
4px #898D36 }
```

# Background

The CSS property to change the background color of an element to Hex 898D36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#898D36 }
```

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

```
.background{ background-color:#898D36 }
```

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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