

# Converting Colors

Hex(898200)

Have a look what the booklet for  
Hex(898200) contains.

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**Color**

**Hex(898200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	898200
RGB	137, 130, 0
RGB Percent	54%, 51%, 0%
CMY	0.4627, 0.4902, 1.0000
CMYK	0.00, 0.05, 1.00, 0.46
HSL	57°, 100%, 27%
HSV	57°, 100%, 54%
XYZ	18.2992, 21.2836, 3.1437
YIQ	117.2730, 45.9020, -38.9460

# Conversions

## Conversions Part 2

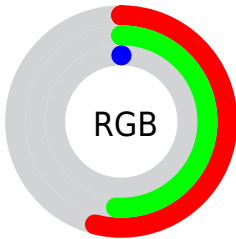
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	7, 137, 0
Decimal	9011712
CIE Lab	53.26, -9.81, 58.06
CIE LCh	53, 58.879, 99.595
Yxy	21.2836, 0.4283, 0.4981
Android (android.graphics.Color)	4287201792 (0xFF898200)
YUV	117.2730, -57.8156, 17.3006
Hunter-Lab	46.1342, -9.9327, 28.2538

# Details

The Hex color **898200** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **000789**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **C2B743**, and **535100** is the 20% darker color. If you saturate the color by 10%, you get **898200**, and if you desaturate by 10%, it is **89830E**.

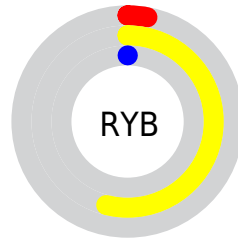
# Distribution



Red (54%)

Green (51%)

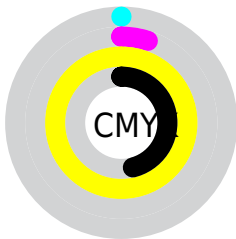
Blue (0%)



Red (3%)

Yellow (54%)

Blue (0%)

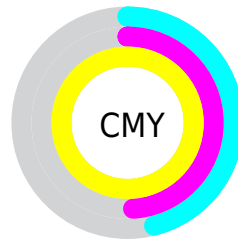


Cyan (0%)

Magenta (5%)

Yellow (100%)

Black (46%)



Cyan (46%)

Magenta (49%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 898200 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 898200 by changing the saturation by 10% instead.



 898200

 898200

FFFFFF

 6D6900

 C2B743

 535100

 DFD25E

 383A00

 FDEE78

 202500

 FFFF94

 001100

 FFFF94

 000000

 FFFFCC

 FFFF94

 898200

 89830E

 89831B

 898429

 898537

 898545

 898652

 898760

 89886E

 89887B

# Harmonies

## Analogous

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



B47017



898200



528E29

# Triad

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



898200



0095BF



C854A4

# Complementary

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



898200



000789

# 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.



966ACE



898200



008EDE

# Square

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



898200



00978F



2280E4



DA4C71

# Rectangle

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



898200



009349



2280E4



BB5BB3



# Sweetspot

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



898200



B3B07D



890009



595839



D9D9D9



595959



# Same Dimension

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



898200



B3A900



4E8900



45443E



857E00



050500



# Inverse Universe

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



000789



0009B3



3B0089



3E3E45



000785



000005



# Previews

## White Background



This preview shows how the Hex color 898200 looks on a white background.

## Color Contrast Check

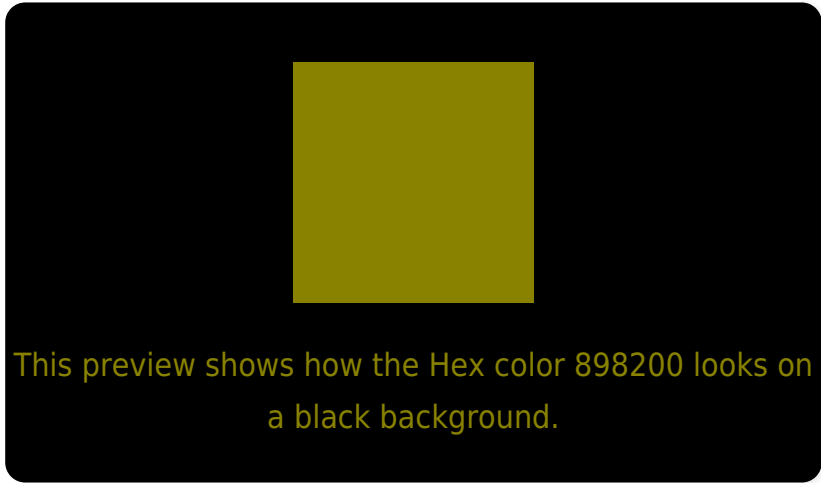
Large Text (above 18pt) WCAG AA ✓ Pass

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 898200 Background



This preview shows how black text looks on a background with the Hex color 898200.



This preview shows how white text looks on a background with the Hex color 898200.

# 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**  
898200

**Protanopia**  
908000

**Deuteranopia**  
A17912



**Tritanopia**  
917982

# Trichromacy



**Original Color**  
898200

**Protanomaly**  
8D8100

**Deuteranomaly**  
987C0B

**Tritanomaly**  
8E7C53

# Monochromacy



**Original Color**  
898200

**Achromatopsia**  
757575

**Achromatomaly**  
7C7A4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 898200 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 #898200 looks like.

```
.text, #text, p{  
    color:#898200  
}
```

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 #898200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #898200
}
```

## Border

The CSS property to change the border of an element to Hex 898200 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
#898200 }
```

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

```
.border{ border-color:#898200 }
```

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

Here you see how a box with a 4 pixel #898200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #898200; -webkit-box-shadow:4px 4px  
4px 4px #898200; box-shadow:4px 4px 4px  
4px #898200 }
```

# Background

The CSS property to change the background color of an element to Hex 898200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#898200 }
```

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

```
.background{ background-color:#898200 }
```

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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