

# Converting Colors

Hex(898282)

Have a look what the booklet for  
Hex(898282) contains.

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# Color

Hex(898282)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	898282
RGB	137, 130, 130
RGB Percent	54%, 51%, 51%
CMY	0.4627, 0.4902, 0.4902
CMYK	0.00, 0.05, 0.05, 0.46
HSL	0°, 3%, 52%
HSV	0°, 5%, 54%
XYZ	22.3284, 22.8953, 24.3615
YIQ	132.0930, 4.1720, 1.4840

# Conversions

## Conversions Part 2

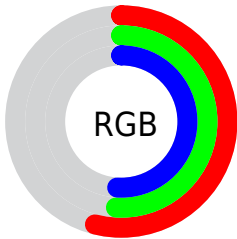
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 130, 130
Decimal	9011842
CIE <sub>Lab</sub>	54.96, 2.63, 0.94
CIE <sub>LCh</sub>	55, 2.796, 19.556
Yxy	22.8953, 0.3209, 0.3290
Android (android.graphics.Color)	4287201922 (0xFF898282)
YUV	132.0930, -1.0318, 4.3034
Hunter-Lab	47.8491, -0.4401, 3.3079

# Details

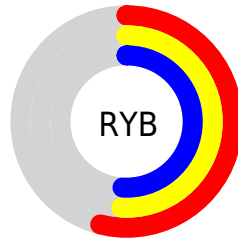
The Hex color **898282** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **828989**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **BEB7B7**, and **575151** is the 20% darker color. If you saturate the color by 10%, you get **897474**, and if you desaturate by 10%, it is **899090**.

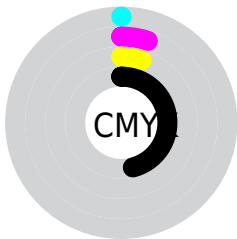
# Distribution



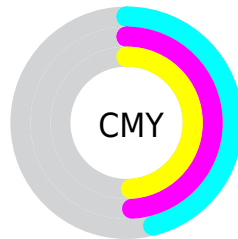
- Red (54%)
- Green (51%)
- Blue (51%)



- Red (54%)
- Yellow (51%)
- Blue (51%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (46%)



- Cyan (46%)
- Magenta (49%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 898282 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 898282 by changing the saturation by 10% instead.





898282



898282

FFFFFF



706969



BEB7B7



575151



DAD2D2



403A3A



F7EFEF



2A2424



160F0F



000000



898282



898282



897474



899090



896767



899D9D

 895959

 89ABAB

 894B4B

 89B9B9

 893D3D

 89C6C6

 893030

 89D4D4

 892222

 89E2E2

 891414

 89F0F0

 890707

 89FDFD

# Harmonies

## Analogous

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



888284



898282



888280

# Triad

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



898282



818580



808488

# Complementary

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



898282



828989

# 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.



7E8587



898282



7F8583

# Square

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



898282



84847F



7E8585



838388

# Rectangle

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



898282



87837F



7E8585



808488



# Sweetspot

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



898282



B3AFAF



898289



595757



D9D9D9



595959



# Same Dimension

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



898282



B3A8A8



898582



454040



850000



050000



# Inverse Universe

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



828989



A8B3B3



828589



404545



008585



000505



# Previews

## White Background



This preview shows how the Hex color 898282 looks on a white background.

## Color Contrast Check

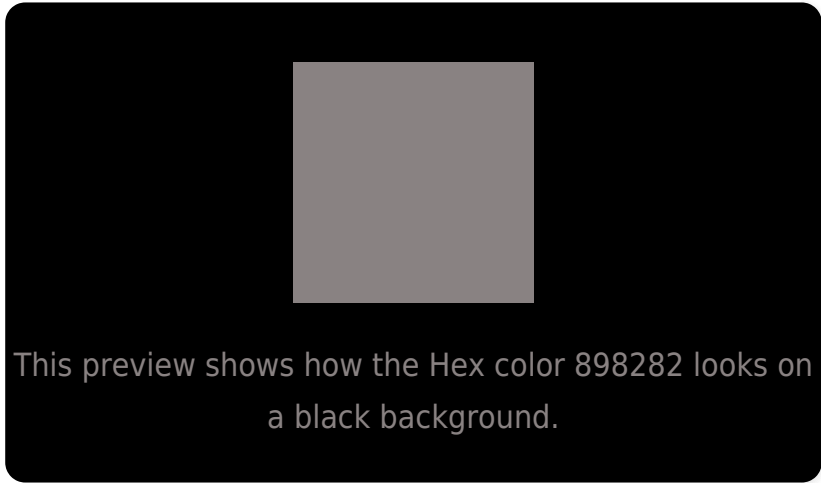
Large Text (above 18pt) WCAG AA ✓ Pass

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

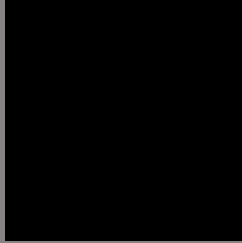
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 898282 Background



This preview shows how black text looks on a background with the Hex color 898282.



This preview shows how white text looks on a background with the Hex color 898282.

# 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**  
898282

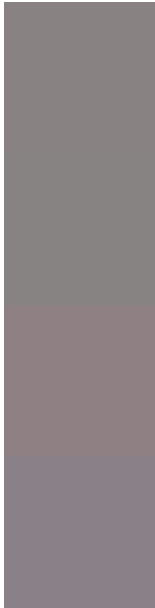
**Protanopia**  
868383

**Deuteranopia**  
917F83



**Tritanopia**  
8A818B

# Trichromacy



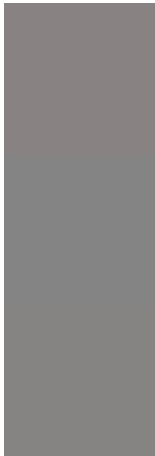
**Original Color**  
898282

**Protanomaly**  
878383

**Deuteranomaly**  
8E8083

**Tritanomaly**  
8A8188

# Monochromacy



**Original Color**  
898282

**Achromatopsia**  
848484

**Achromatomaly**  
868383

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 898282 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 #898282 looks like.

```
.text, #text, p{  
    color:#898282  
}
```

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 #898282 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #898282
}
```

## Border

The CSS property to change the border of an element to Hex 898282 is called "border". The border property can be set on classes, ids or directly on the HTML element.

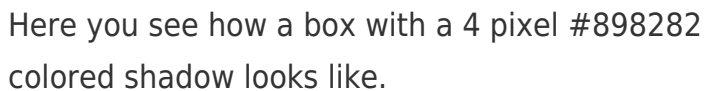
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#898282 }
```

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

```
.border{ border-color:#898282 }
```

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



Here you see how a box with a 4 pixel #898282 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #898282; -webkit-box-shadow:4px 4px  
4px 4px #898282; box-shadow:4px 4px 4px  
4px #898282 }
```

# Background

The CSS property to change the background color of an element to Hex 898282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#898282 }
```

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

```
.background{ background-color:#898282 }
```

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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