

# Converting Colors

Hex(8C8B87)

Have a look what the booklet for  
Hex(8C8B87) contains.

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# Color

**Hex(8C8B87)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C8B87
RGB	140, 139, 135
RGB Percent	55%, 55%, 53%
CMY	0.4510, 0.4549, 0.4706
CMYK	0.00, 0.01, 0.04, 0.45
HSL	48°, 2%, 54%
HSV	48°, 4%, 55%
XYZ	24.4210, 25.7900, 26.6125
YIQ	138.8430, 1.8800, -1.0320

# Conversions

## Conversions Part 2

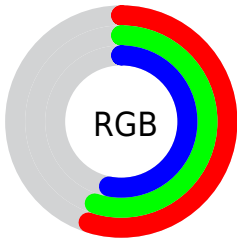
<b>Format</b>	<b>Color</b>
<b>RYB</b>	136, 140, 135
Decimal	9210759
CIELab	57.84, -0.40, 2.26
CIELCh	58, 2.293, 99.963
Yxy	25.7900, 0.3179, 0.3357
Android (android.graphics.Color)	4287400839 (0xFF8C8B87)
YUV	138.8430, -1.8946, 1.0147
Hunter-Lab	50.7838, -3.0343, 4.4786

# Details

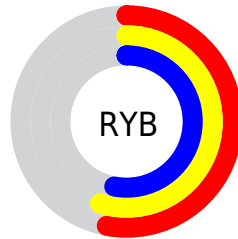
The Hex color **8C8B87** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **87888C**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **C2C0BC**, and **5A5955** is the 20% darker color. If you saturate the color by 10%, you get **8C8879**, and if you desaturate by 10%, it is **8C8E95**.

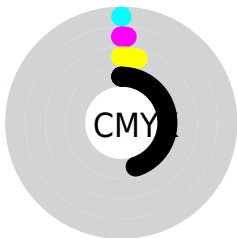
# Distribution



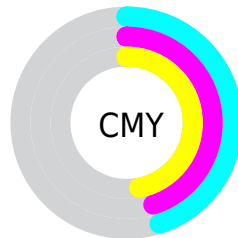
- Red (55%)
- Green (55%)
- Blue (53%)



- Red (53%)
- Yellow (55%)
- Blue (53%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (45%)



- Cyan (45%)
- Magenta (45%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C8B87 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 8C8B87 by changing the saturation by 10% instead.





8C8B87



8C8B87

FFFFFF



73726E



C2C0BC



5A5955



DDDCD8



43423E



FAF9F4



2C2C28



181714



000000



8C8B87



8C8B87



8C8879



8C8E95



8C856B



8C91A3

 8C835D

 8C93B1

 8C804F

 8C96BF

 8C7D41

 8C99CD

 8C7A33

 8C9CDB

 8C7725

 8C9FE9

 8C7517

 8CA1F7

 8C7209

 8CA4FF

# Harmonies

## Analogous

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



8E8A87



8C8B87



8A8C88

# Triad

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



8C8B87



868C8D



8E8A8C

# Complementary

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



8C8B87



87888C

# 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.



8C8A8E



8C8B87



888C8F

# Square

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



8C8B87



868C8C



8A8B8F



8F8A8A

# Rectangle

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



8C8B87



888C89



8A8B8F



8E8A8D



# Sweetspot

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



8C8B87



B5B5B3



8C8788



5C5C5B



DBDBDB



5C5C5C



# Same Dimension

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



8C8B87



B5B4AE



8B8C87



454441



856A00



050400



# Inverse Universe

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



87888C



AEAFB5



88878C



414245



001B85



000105



# Previews

## White Background



This preview shows how the Hex color 8C8B87 looks on a white background.

## Color Contrast Check

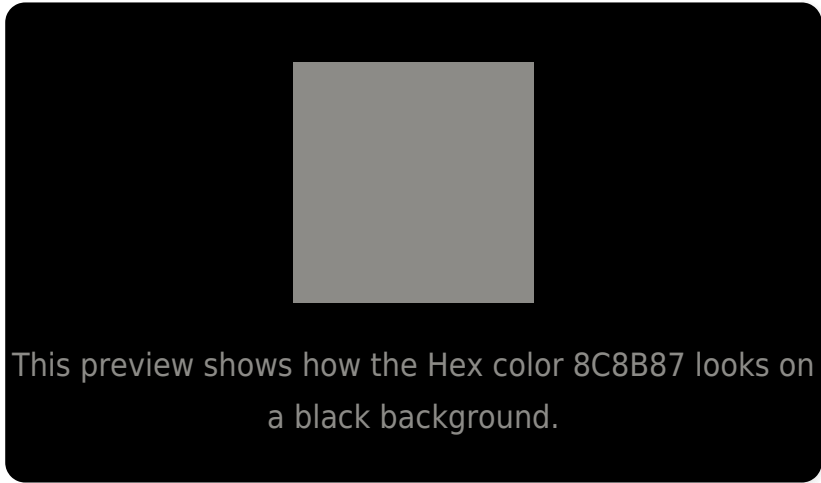
Large Text (above 18pt) WCAG AA ✓ Pass

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

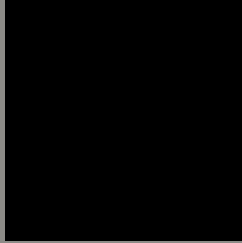
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

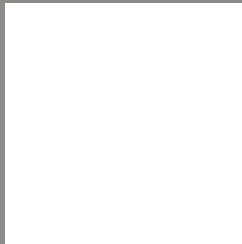
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8C8B87 Background



This preview shows how black text looks on a background with the Hex color 8C8B87.



This preview shows how white text looks on a background with the Hex color 8C8B87.

# 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**  
8C8B87

**Protanopia**  
8E8A87

**Deuteranopia**  
998688



**Tritanopia**  
8E8994

# Trichromacy



**Original Color**

8C8B87

**Protanomaly**

8D8A87

**Deuteranomaly**

948888

**Tritanomaly**

8D8A8F

# Monochromacy



**Original Color**

8C8B87

**Achromatopsia**

8B8B8B

**Achromatomaly**

8B8B8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C8B87 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 #8C8B87 looks like.

```
.text, #text, p{  
    color:#8C8B87  
}
```

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 #8C8B87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C8B87
}
```

## Border

The CSS property to change the border of an element to Hex 8C8B87 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
#8C8B87 }
```

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

```
.border{ border-color:#8C8B87 }
```

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

Here you see how a box with a 4 pixel #8C8B87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C8B87; -webkit-box-shadow:4px 4px  
4px 4px #8C8B87; box-shadow:4px 4px 4px  
4px #8C8B87 }
```

# Background

The CSS property to change the background color of an element to Hex 8C8B87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C8B87 }
```

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

```
.background{ background-color:#8C8B87 }
```

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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