

# Converting Colors

Hex(8C8581)

Have a look what the booklet for  
Hex(8C8581) contains.

<b>Hex(8C8581)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(8C8581)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C8581
RGB	140, 133, 129
RGB Percent	55%, 52%, 51%
CMY	0.4510, 0.4784, 0.4941
CMYK	0.00, 0.05, 0.08, 0.45
HSL	22°, 5%, 53%
HSV	22°, 8%, 55%
XYZ	23.1652, 23.9355, 24.1680
YIQ	134.6370, 5.4560, 0.2400

# Conversions

## Conversions Part 2

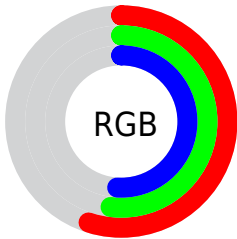
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 135, 129
Decimal	9209217
CIE Lab	56.02, 1.88, 3.08
CIE LCh	56, 3.610, 58.666
Yxy	23.9355, 0.3250, 0.3358
Android (android.graphics.Color)	4287399297 (0xFF8C8581)
YUV	134.6370, -2.7790, 4.7034
Hunter-Lab	48.9239, -1.0981, 4.9580

# Details

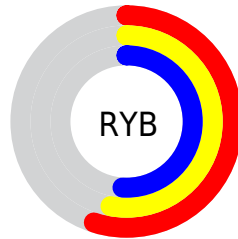
The Hex color **8C8581** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **81888C**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **C2BAB6**, and **5A5450** is the 20% darker color. If you saturate the color by 10%, you get **8C7C73**, and if you desaturate by 10%, it is **8C8E8F**.

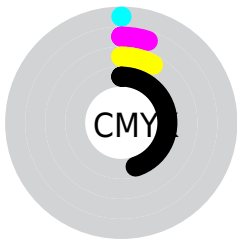
# Distribution



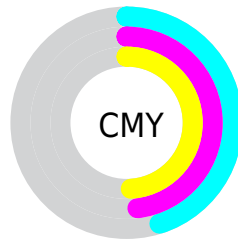
- Red (55%)
- Green (52%)
- Blue (51%)



- Red (55%)
- Yellow (53%)
- Blue (51%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (45%)



- Cyan (45%)
- Magenta (48%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C8581 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 8C8581 by changing the saturation by 10% instead.





8C8581



8C8581

FFFFFF



726C68



C2BAB6



5A5450



DDD6D1



433C39



FAF2EE



2C2724



18120E



000000



8C8581



8C8581



8C7C73



8C8E8F



8C7365



8C979D

 8C6A57

 8CA0AB

 8C6149

 8CA9B9

 8C583B

 8CB2C7

 8C502D

 8CBAD5

 8C471F

 8CC3E3

 8C3E11

 8CCCF1

 8C3503

 8CD5FF

# Harmonies

## Analogous

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



8D8483



8C8581



898680

# Triad

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



8C8581



808886



87868C

# Complementary

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



8C8581



81888C

# 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.



83878C



8C8581



7F8889

# Square

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



8C8581



828883



80878B



8A858A

# Rectangle

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



8C8581



878780



80878B



86868C



# Sweetspot

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



8C8581



B5B3B1



8C8188



5C5B5A



DBDBDB



5C5C5C



# Same Dimension

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



8C8581



B5ABA5



8C8A81



45403E



853000



050200



# Inverse Universe

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



81888C



A5AFB5



81838C



3E4245



005485



000305



# Previews

## White Background



This preview shows how the Hex color 8C8581 looks on a white background.

## Color Contrast Check

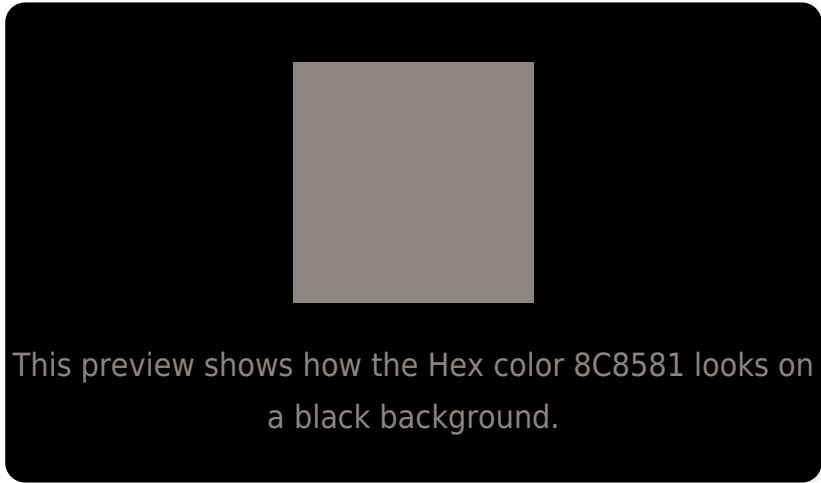
Large Text (above 18pt) WCAG AA ✓ Pass

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

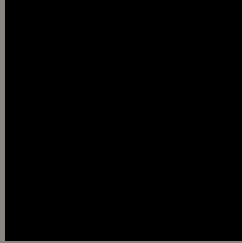
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C8581 Background



This preview shows how black text looks on a background with the Hex color 8C8581.



This preview shows how white text looks on a background with the Hex color 8C8581.

# 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](#).

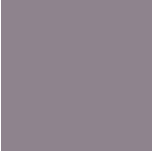
## Dichromacy



**Original Color**  
8C8581

**Protanopia**  
8A8681

**Deuteranopia**  
958282



**Tritanopia**  
8E838D

# Trichromacy



**Original Color**  
8C8581

**Protanomaly**  
8B8681

**Deuteranomaly**  
928382

**Tritanomaly**  
8D8489

# Monochromacy



**Original Color**  
8C8581

**Achromatopsia**  
878787

**Achromatomaly**  
898685

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C8581 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 #8C8581 looks like.

```
.text, #text, p{  
    color:#8C8581  
}
```

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 #8C8581 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C8581
}
```

## Border

The CSS property to change the border of an element to Hex 8C8581 is called "border". The border property can be set on classes, ids or directly on the HTML element.

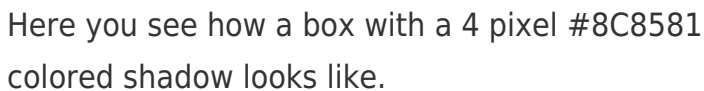
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C8581 }
```

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

```
.border{ border-color:#8C8581 }
```

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



Here you see how a box with a 4 pixel #8C8581 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C8581; -webkit-box-shadow:4px 4px  
4px 4px #8C8581; box-shadow:4px 4px 4px  
4px #8C8581 }
```

# Background

The CSS property to change the background color of an element to Hex 8C8581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C8581 }
```

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

```
.background{ background-color:#8C8581 }
```

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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