

# Converting Colors

Hex(8C8570)

Have a look what the booklet for  
Hex(8C8570) contains.

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**Color**

**Hex(8C8570)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C8570
RGB	140, 133, 112
RGB Percent	55%, 52%, 44%
CMY	0.4510, 0.4784, 0.5608
CMYK	0.00, 0.05, 0.20, 0.45
HSL	45°, 11%, 49%
HSV	45°, 20%, 55%
XYZ	22.1274, 23.5204, 18.7029
YIQ	132.6990, 10.9130, -5.0470

# Conversions

## Conversions Part 2

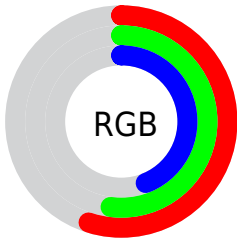
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 140, 112
Decimal	9209200
CIELab	55.60, -1.05, 12.28
CIELCh	56, 12.324, 94.901
Yxy	23.5204, 0.3439, 0.3655
Android (android.graphics.Color)	4287399280 (0xFF8C8570)
YUV	132.6990, -10.2046, 6.4030
Hunter-Lab	48.4978, -3.4296, 11.0836

# Details

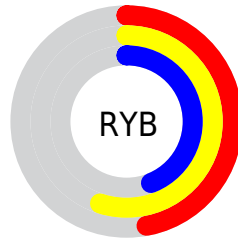
The Hex color **8C8570** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **70778C**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **C2BAA4**, and **5A5440** is the 20% darker color. If you saturate the color by 10%, you get **8C8262**, and if you desaturate by 10%, it is **8C897E**.

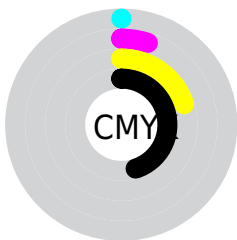
# Distribution



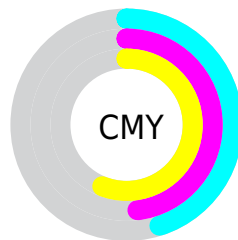
- Red (55%)
- Green (52%)
- Blue (44%)



- Red (47%)
- Yellow (55%)
- Blue (44%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (45%)



- Cyan (45%)
- Magenta (48%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C8570 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 8C8570 by changing the saturation by 10% instead.





8C8570



8C8570

FFFFFF



726C58



C2BAA4



5A5440



DED6BF



423D2A



FAF2DB



2B2715



FFFFFF7



171200



000000



8C8570



8C8570



8C8262



8C897E



8C7E54



8C8C8C

 8C7B46

 8C909A

 8C7738

 8C93A8

 8C742A

 8C97B6

 8C701C

 8C9AC4

 8C6D0E

 8C9ED2

 8C6900

 8CA1E0

 8CA5EE

# Harmonies

## Analogous

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



968272



8C8570



808874

# Triad

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



8C8570



6A8B91



957F8E

# Complementary

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



8C8570



70778C

# 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.



898297



8C8570



708998

# Square

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



8C8570



6C8C87



7C869A



9B7E84

# Rectangle

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



8C8570



788A79



7C869A



918092



# Sweetspot

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



8C8570



B5B2AA



8C7077



5C5A55



DBDBDB



5C5C5C



# Same Dimension

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



8C8570



B5AA8A



858C70



45433E



856300



050400



# Inverse Universe

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



70778C



8A94B5



77708C



3E4045



002185

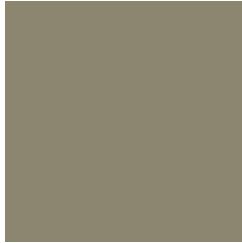


000105



# Previews

## White Background



This preview shows how the Hex color 8C8570 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

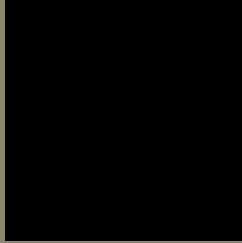
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

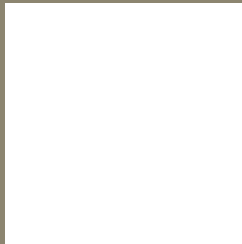
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8C8570 Background



This preview shows how black text looks on a background with the Hex color 8C8570.



This preview shows how white text looks on a background with the Hex color 8C8570.

# 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**

8C8570

**Protanopia**

8C8570

**Deuteranopia**

998071



**Tritanopia**  
90818B

# Trichromacy



**Original Color**  
8C8570

**Protanomaly**  
8C8570

**Deuteranomaly**  
948271

**Tritanomaly**  
8F8281

# Monochromacy



**Original Color**  
8C8570

**Achromatopsia**  
858585

**Achromatomaly**  
88857D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C8570 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 #8C8570 looks like.

```
.text, #text, p{  
    color:#8C8570  
}
```

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 #8C8570 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C8570
}
```

## Border

The CSS property to change the border of an element to Hex 8C8570 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
#8C8570 }
```

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

```
.border{ border-color:#8C8570 }
```

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

Here you see how a box with a 4 pixel #8C8570 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C8570; -webkit-box-shadow:4px 4px  
4px 4px #8C8570; box-shadow:4px 4px 4px  
4px #8C8570 }
```

# Background

The CSS property to change the background color of an element to Hex 8C8570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C8570 }
```

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

```
.background{ background-color:#8C8570 }
```

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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