

# Converting Colors

Hex(8C8675)

Have a look what the booklet for  
Hex(8C8675) contains.

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# Color

Hex(8C8675)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C8675
RGB	140, 134, 117
RGB Percent	55%, 53%, 46%
CMY	0.4510, 0.4745, 0.5412
CMYK	0.00, 0.04, 0.16, 0.45
HSL	44°, 9%, 50%
HSV	44°, 16%, 55%
XYZ	22.5512, 23.9100, 20.2561
YIQ	133.8560, 9.0330, -4.0150

# Conversions

## Conversions Part 2

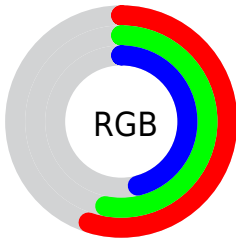
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 140, 117
Decimal	9209461
CIE Lab	56.00, -0.80, 9.96
CIE LCh	56, 9.993, 94.572
Yxy	23.9100, 0.3380, 0.3584
Android (android.graphics.Color)	4287399541 (0xFF8C8675)
YUV	133.8560, -8.3100, 5.3883
Hunter-Lab	48.8979, -3.2488, 9.6674

# Details

The Hex color **8C8675** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **757B8C**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **C2BBA9**, and **5A5545** is the 20% darker color. If you saturate the color by 10%, you get **8C8267**, and if you desaturate by 10%, it is **8C8A83**.

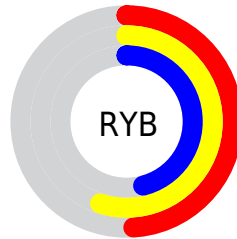
# Distribution



Red (55%)

Green (53%)

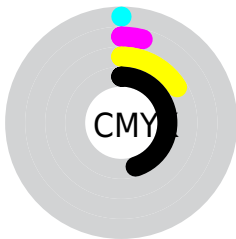
Blue (46%)



Red (49%)

Yellow (55%)

Blue (46%)

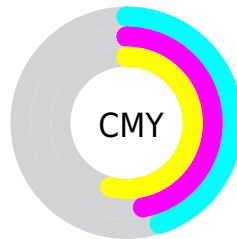


Cyan (0%)

Magenta (4%)

Yellow (16%)

Black (45%)



Cyan (45%)

Magenta (47%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C8675 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 8C8675 by changing the saturation by 10% instead.





8C8675



8C8675

FFFFFF



726D5C



C2BBA9



5A5545



DED7C4



423D2E



FAF3E0



2C281A

FFFFFFD



191300



000000



8C8675



8C8675



8C8267



8C8A83



8C7F59



8C8D91

 8C7B4B

 8C919F

 8C773D

 8C95AD

 8C742F

 8C98BB

 8C7021

 8C9CC9

 8C6C13

 8CA0D7

 8C6905

 8CA3E5

 8C6700

 8CA7F3

# Harmonies

## Analogous

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



948377



8C8675



828978

# Triad

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



8C8675



708B90



93818E

# Complementary

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



8C8675



757B8C

# 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.



8A8494



8C8675



758996

# Square

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



8C8675



728B87



7F8697



988085

# Rectangle

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



8C8675



7C8A7C



7F8697



908290



# Sweetspot

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



8C8675



B5B3AC



8C757B



5C5A56



DBDBDB



5C5C5C



# Same Dimension

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



8C8675



B5AC91



878C75



45433E



856200



050400



# Inverse Universe

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



757B8C



919AB5



7A758C



3E4045



002385



000105



# Previews

## White Background



This preview shows how the Hex color 8C8675 looks on a white background.

## Color Contrast Check

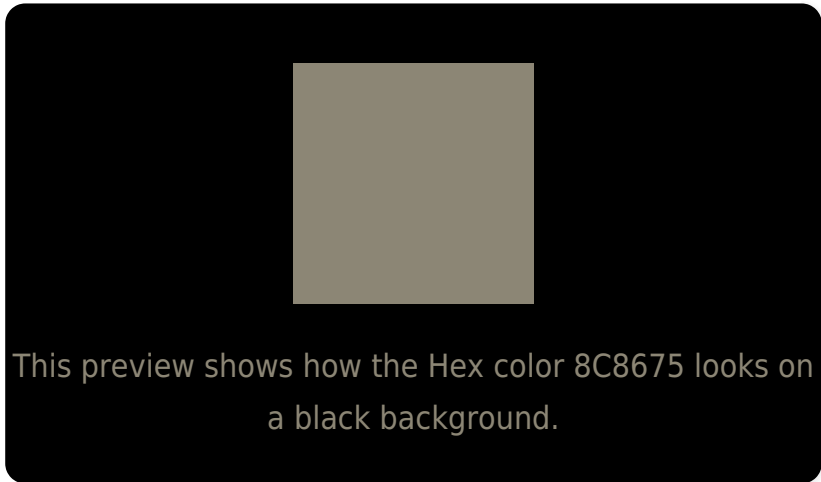
Large Text (above 18pt) WCAG AA ✓ Pass

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

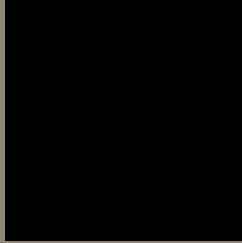
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C8675 Background



This preview shows how black text looks on a background with the Hex color 8C8675.



This preview shows how white text looks on a background with the Hex color 8C8675.

# 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**  
8C8675

**Protanopia**  
8D8675

**Deuteranopia**  
998176



**Tritanopia**  
8F838D

# Trichromacy



**Original Color**  
8C8675

**Protanomaly**  
8D8675

**Deuteranomaly**  
948376

**Tritanomaly**  
8E8484

# Monochromacy



**Original Color**  
8C8675

**Achromatopsia**  
868686

**Achromatomaly**  
888680

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C8675 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 #8C8675 looks like.

```
.text, #text, p{  
    color:#8C8675  
}
```

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 #8C8675 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C8675
}
```

## Border

The CSS property to change the border of an element to Hex 8C8675 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
#8C8675 }
```

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

```
.border{ border-color:#8C8675 }
```

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

Here you see how a box with a 4 pixel #8C8675 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C8675; -webkit-box-shadow:4px 4px  
4px 4px #8C8675; box-shadow:4px 4px 4px  
4px #8C8675 }
```

# Background

The CSS property to change the background color of an element to Hex 8C8675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C8675 }
```

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

```
.background{ background-color:#8C8675 }
```

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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