

# Converting Colors

Hex(8C7366)

Have a look what the booklet for  
Hex(8C7366) contains.

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**Color**

**Hex(8C7366)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C7366
RGB	140, 115, 102
RGB Percent	55%, 45%, 40%
CMY	0.4510, 0.5490, 0.6000
CMYK	0.00, 0.18, 0.27, 0.45
HSL	21°, 16%, 47%
HSV	21°, 27%, 55%
XYZ	19.3442, 18.7962, 15.1789
YIQ	120.9930, 19.0730, 1.2570

# Conversions

## Conversions Part 2

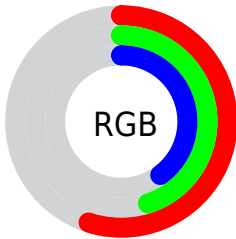
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	140, 122, 102
Decimal	9204582
CIE Lab	50.45, 7.69, 10.86
CIE LCh	50, 13.312, 54.687
Yxy	18.7962, 0.3628, 0.3525
Android (android.graphics.Color)	4287394662 (0xFF8C7366)
YUV	120.9930, -9.3635, 16.6691
Hunter-Lab	43.3546, 3.7736, 9.5902

# Details

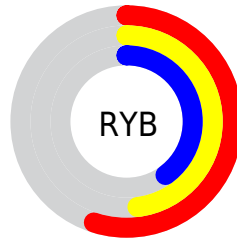
The Hex color **8C7366** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **667F8C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **C2A799**, and **594337** is the 20% darker color. If you saturate the color by 10%, you get **8C6A58**, and if you desaturate by 10%, it is **8C7C74**.

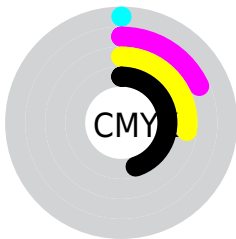
# Distribution



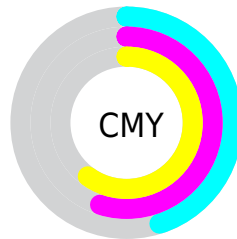
- Red (55%)
- Green (45%)
- Blue (40%)



- Red (55%)
- Yellow (48%)
- Blue (40%)



- Cyan (0%)
- Magenta (18%)
- Yellow (27%)
- Black (45%)



- Cyan (45%)
- Magenta (55%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C7366 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 8C7366 by changing the saturation by 10% instead.



 8C7366

 8C7366

FFFFFF

 725A4E

 C2A799

 594337

 DEC2B4

 412D22

 FBDECF

 2B180C

 FFFBEC

 140000

 000000

 8C7366

 8C7366

 8C6A58

 8C7C74

 8C614A

 8C8582

 8C573C

 8C8F90

 8C4E2E

 8C989E

 8C4520

 8CA1AC

 8C3C12

 8CAABA

 8C3304

 8CB3C8

 8C3000

 8CBDD6

 8CC6E4

# Harmonies

## Analogous

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



90716F



8C7366



837762

# Triad

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



8C7366



5F7F76



78768D

# Complementary

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



8C7366



667F8C

# 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.



697A8E



8C7366



5A7E81

# Square

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



8C7366



6A7D6B



5D7D8A



857285

# Rectangle

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



8C7366



7B7962



5D7D8A



73778E



# Sweetspot

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



8C7366



B5ACA7



8C667F



5C5653



DBDBDB



5C5C5C



# Same Dimension

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



8C7366



B58E79



8C8666



45403E



852D00



050200



# Inverse Universe

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



667F8C



79A1B5



666C8C



3E4245



005785



000305



# Previews

## White Background



This preview shows how the Hex color 8C7366 looks on a white background.

## Color Contrast Check

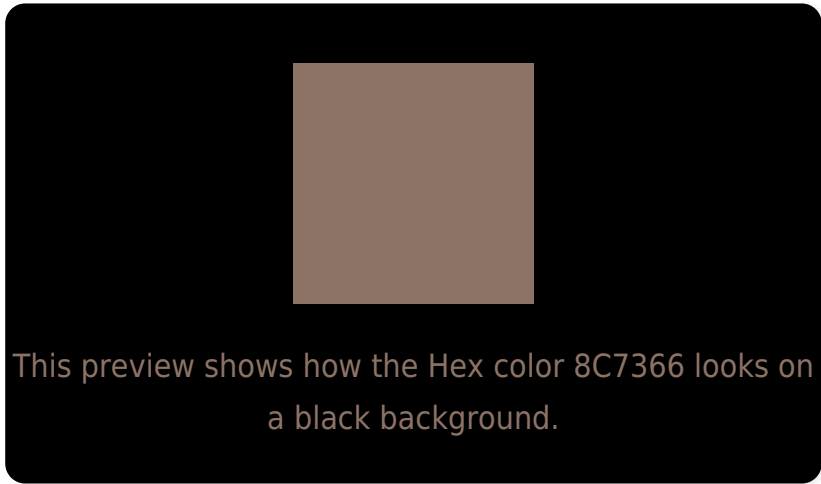
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C7366 Background



This preview shows how black text looks on a background with the Hex color 8C7366.

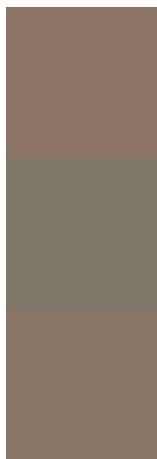


This preview shows how white text looks on a background with the Hex color 8C7366.

# 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**  
8C7366

**Protanopia**  
7E7868

**Deuteranopia**  
8A7466



**Tritanopia**  
8E7079

# Trichromacy



**Original Color**  
8C7366

**Protanomaly**  
837667

**Deuteranomaly**  
8B7466

**Tritanomaly**  
8D7172

# Monochromacy



**Original Color**  
8C7366

**Achromatopsia**  
797979

**Achromatomaly**  
807772

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C7366 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 #8C7366 looks like.

```
.text, #text, p{  
    color:#8C7366  
}
```

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 #8C7366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C7366
}
```

## Border

The CSS property to change the border of an element to Hex 8C7366 is called "border". The border property can be set on classes, ids or directly on the HTML element.

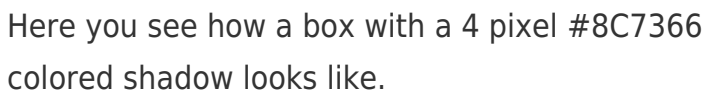
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C7366 }
```

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

```
.border{ border-color:#8C7366 }
```

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



Here you see how a box with a 4 pixel #8C7366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C7366; -webkit-box-shadow:4px 4px  
4px 4px #8C7366; box-shadow:4px 4px 4px  
4px #8C7366 }
```

# Background

The CSS property to change the background color of an element to Hex 8C7366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C7366 }
```

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

```
.background{ background-color:#8C7366 }
```

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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