

# Converting Colors

Hex(8C6247)

Have a look what the booklet for  
Hex(8C6247) contains.

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**Color**

**Hex(8C6247)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C6247
RGB	140, 98, 71
RGB Percent	55%, 38%, 28%
CMY	0.4510, 0.6157, 0.7216
CMYK	0.00, 0.30, 0.49, 0.45
HSL	23°, 33%, 41%
HSV	23°, 49%, 55%
XYZ	16.3202, 14.7657, 7.9511
YIQ	107.4800, 33.6990, 0.5070

# Conversions

## Conversions Part 2

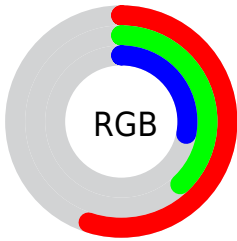
<b>Format</b>	<b>Color</b>
<b>RYB</b>	140, 115, 71
Decimal	9200199
CIELab	45.31, 13.63, 22.11
CIElCh	45, 25.978, 58.347
Yxy	14.7657, 0.4181, 0.3782
Android (android.graphics.Color)	4287390279 (0xFF8C6247)
YUV	107.4800, -17.9846, 28.5200
Hunter-Lab	38.4262, 8.5659, 14.6301

# Details

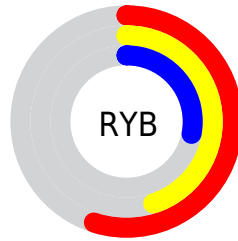
The Hex color **8C6247** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **47718C**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **C39578**, and **57331B** is the 20% darker color. If you saturate the color by 10%, you get **8C5939**, and if you desaturate by 10%, it is **8C6B55**.

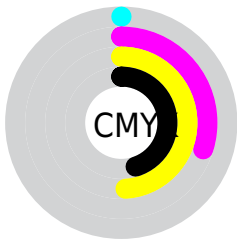
# Distribution



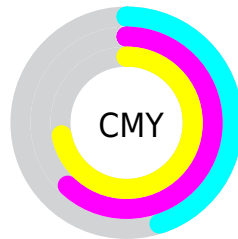
- Red (55%)
- Green (38%)
- Blue (28%)



- Red (55%)
- Yellow (45%)
- Blue (28%)



- Cyan (0%)
- Magenta (30%)
- Yellow (49%)
- Black (45%)



- Cyan (45%)
- Magenta (62%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C6247 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 8C6247 by changing the saturation by 10% instead.





8C6247



8C6247

FFFFFF



714A30



C39578



57331B



E0B092



3F1E02



FDCBAC



270800



FFE7C8



000000



FFFFE4



8C6247



8C6247



8C5939



8C6B55



8C512B



8C7363

 8C481D

 8C7C71

 8C400F

 8C847F

 8C3701

 8C8D8D

 8C3700

 8C959B

 8C9EA9

 8CA6B7

 8CAFC5

# Harmonies

## Analogous

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



955C58



8C6247



7B6A40

# Triad

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



8C6247



2F7769



6C6691

# Complementary

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



8C6247



47718C

# 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.



4A6E96



8C6247



16767F

# Square

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



8C6247



4B7554



267390



855F82

# Rectangle

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



8C6247



6C6E41



267390



626994



# Sweetspot

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



8C6247



B5A59A



8C4772



5C524B



DBDBDB



5C5C5C



# Same Dimension

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



8C6247



B5744A



8C8447



45413E



853400



050200



# Inverse Universe

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



47718C



4A8BB5



474F8C



3E4245



005185



000305



# Previews

## White Background



This preview shows how the Hex color 8C6247 looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

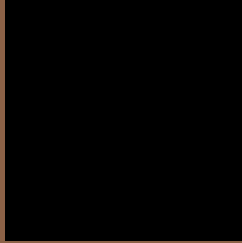
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8C6247 Background



This preview shows how black text looks on a background with the Hex color 8C6247.



This preview shows how white text looks on a background with the Hex color 8C6247.

# 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](#).

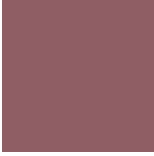
## Dichromacy



**Original Color**  
8C6247

**Protanopia**  
746B4B

**Deuteranopia**  
816746



**Tritanopia**  
8F5E65

# Trichromacy



**Original Color**  
8C6247

**Protanomaly**  
7D684A

**Deuteranomaly**  
856546

**Tritanomaly**  
8E5F5A

# Monochromacy



**Original Color**  
8C6247

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
77685E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C6247 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 #8C6247 looks like.

```
.text, #text, p{  
    color:#8C6247  
}
```

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 #8C6247 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C6247
}
```

## Border

The CSS property to change the border of an element to Hex 8C6247 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
#8C6247 }
```

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

```
.border{ border-color:#8C6247 }
```

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

Here you see how a box with a 4 pixel #8C6247 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C6247; -webkit-box-shadow:4px 4px  
4px 4px #8C6247; box-shadow:4px 4px 4px  
4px #8C6247 }
```

# Background

The CSS property to change the background color of an element to Hex 8C6247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C6247 }
```

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

```
.background{ background-color:#8C6247 }
```

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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