

# Converting Colors

Hex(8C7C35)

Have a look what the booklet for  
Hex(8C7C35) contains.

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**Color**

**Hex(8C7C35)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C7C35
RGB	140, 124, 53
RGB Percent	55%, 49%, 21%
CMY	0.4510, 0.5137, 0.7922
CMYK	0.00, 0.11, 0.62, 0.45
HSL	49°, 45%, 38%
HSV	49°, 62%, 55%
XYZ	18.6655, 20.2478, 6.2926
YIQ	120.6900, 32.3270, -18.6890

# Conversions

## Conversions Part 2

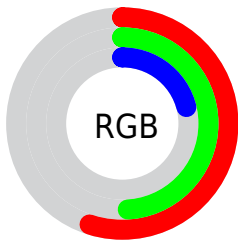
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 140, 53
Decimal	9206837
CIELab	52.12, -2.98, 40.12
CIELCh	52, 40.227, 94.244
Yxy	20.2478, 0.4129, 0.4479
Android (android.graphics.Color)	4287396917 (0xFF8C7C35)
YUV	120.6900, -33.3712, 16.9349
Hunter-Lab	44.9975, -4.7020, 23.2070

# Details

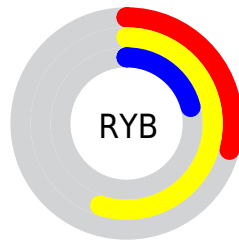
The Hex color **8C7C35** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **35458C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **C4B067**, and **574C01** is the 20% darker color. If you saturate the color by 10%, you get **8C7927**, and if you desaturate by 10%, it is **8C7F43**.

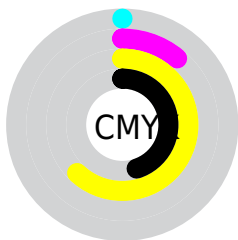
# Distribution



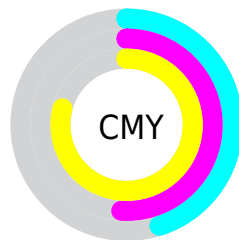
- Red (55%)
- Green (49%)
- Blue (21%)



- Red (29%)
- Yellow (55%)
- Blue (21%)



- Cyan (0%)
- Magenta (11%)
- Yellow (62%)
- Black (45%)



- Cyan (45%)
- Magenta (51%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C7C35 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 8C7C35 by changing the saturation by 10% instead.





8C7C35



8C7C35

FFFFFF



71631D



C4B067



574C01



E0CC80



3E3500



FEE89B



252000



FFFFB6



040A00



FFFFD2



000000



FFFFEF



8C7C35



8C7C35



8C7927



8C7F43

■ 8C7719

■ 8C8151

■ 8C740B

■ 8C845F

■ 8C7200

■ 8C866D

■ 8C897B

■ 8C8B89

■ 8C8E97

■ 8C91A5

■ 8C93B3

# Harmonies

## Analogous

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



A9703E



8C7C35



688641

# Triad

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



8C7C35



008DA2



AB659B

# Complementary

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



8C7C35



35458C

# 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.



8571B5



8C7C35



0088BA

# Square

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



8C7C35



008E80



497EC1



BC5F79

# Rectangle

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



8C7C35



4B8A53



497EC1



A168A5



# Sweetspot

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



8C7C35



B5AF93



8C3546



5C5847



DBDBDB



5C5C5C



# Same Dimension

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



8C7C35



B59C2D



728C35



45443E



856C00



050400



# Inverse Universe

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



35458C



2D46B5



4F358C



3E3F45



001885



000105



# Previews

## White Background



This preview shows how the Hex color 8C7C35 looks on a white background.

## Color Contrast Check

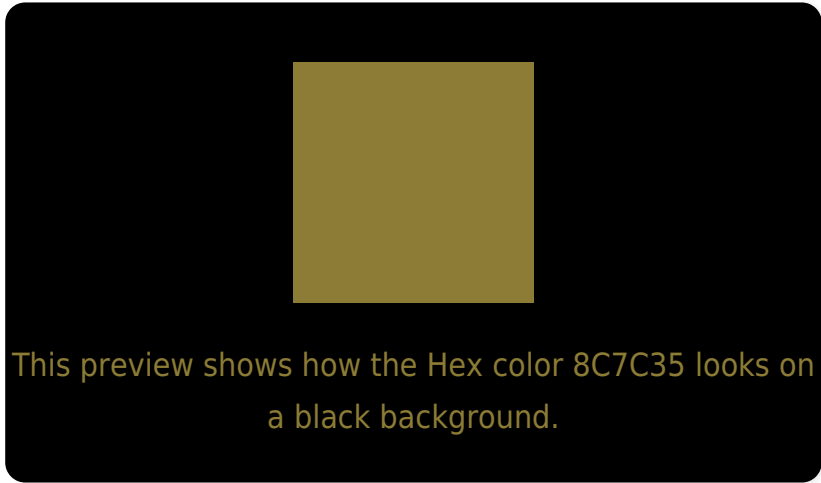
Large Text (above 18pt) WCAG AA ✓ Pass

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

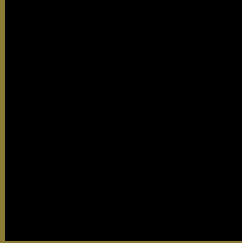
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C7C35 Background



This preview shows how black text looks on a background with the Hex color 8C7C35.



This preview shows how white text looks on a background with the Hex color 8C7C35.

# 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**  
8C7C35

**Protanopia**  
8A7D35

**Deuteranopia**  
9A7637

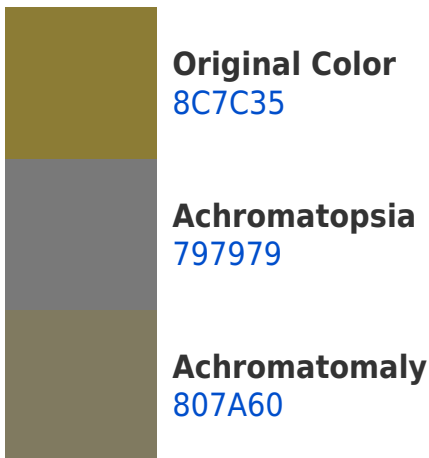


**Tritanopia**  
92747D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C7C35 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 #8C7C35 looks like.

```
.text, #text, p{  
    color:#8C7C35  
}
```

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 #8C7C35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C7C35
}
```

## Border

The CSS property to change the border of an element to Hex 8C7C35 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
#8C7C35 }
```

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

```
.border{ border-color:#8C7C35 }
```

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

Here you see how a box with a 4 pixel #8C7C35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C7C35; -webkit-box-shadow:4px 4px  
4px 4px #8C7C35; box-shadow:4px 4px 4px  
4px #8C7C35 }
```

# Background

The CSS property to change the background color of an element to Hex 8C7C35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C7C35 }
```

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

```
.background{ background-color:#8C7C35 }
```

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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