

# Converting Colors

Hex(8C7C06)

Have a look what the booklet for  
Hex(8C7C06) contains.

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**Color**

**Hex(8C7C06)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8C7C06
RGB	140, 124, 6
RGB Percent	55%, 49%, 2%
CMY	0.4510, 0.5137, 0.9765
CMYK	0.00, 0.11, 0.96, 0.45
HSL	53°, 92%, 29%
HSV	53°, 96%, 55%
XYZ	18.0557, 20.0039, 3.0818
YIQ	115.3320, 47.4140, -33.3060

# Conversions

## Conversions Part 2

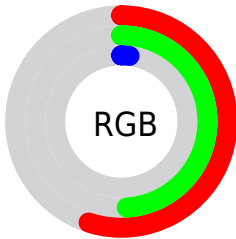
Format	Color
R <sub>Y</sub> B	24, 140, 6
Decimal	9206790
CIE Lab	51.84, -4.99, 56.02
CIE LCh	52, 56.240, 95.093
Yxy	20.0039, 0.4389, 0.4862
Android (android.graphics.Color)	4287396870 (0xFF8C7C06)
YUV	115.3320, -53.9007, 21.6338
Hunter-Lab	44.7257, -6.2097, 27.2227

# Details

The Hex color **8C7C06** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **06168C**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **C5B044**, and **564C00** is the 20% darker color. If you saturate the color by 10%, you get **8C7B00**, and if you desaturate by 10%, it is **8C7E14**.

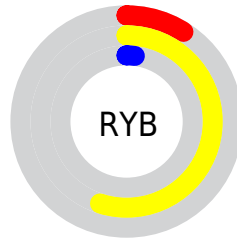
# Distribution



Red (55%)

Green (49%)

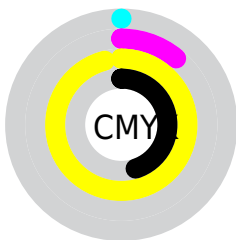
Blue (2%)



Red (9%)

Yellow (55%)

Blue (2%)

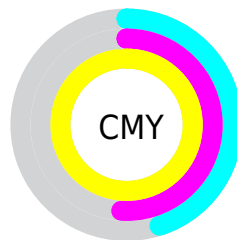


Cyan (0%)

Magenta (11%)

Yellow (96%)

Black (45%)



Cyan (45%)

Magenta (51%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C7C06 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 8C7C06 by changing the saturation by 10% instead.





8C7C06



8C7C06

FFFFFF



706300



C5B044



564C00



E2CB5F



3B3500



FFE879



222000



FFFF95



000A00



FFFFB0



000000



FFFCC



FFFEE9



8C7C06



8C7C06

■ 8C7B00

■ 8C7E14

■ 8C7F22

■ 8C8130

■ 8C833E

■ 8C844C

■ 8C865A

■ 8C8868

■ 8C8976

■ 8C8B84

# Harmonies

## Analogous

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



B36A1F



8C7C06



5A8824

# Triad

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



8C7C06



0091B2



BC56A5

# Complementary

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



8C7C06



06168C

# 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.



876BCB



8C7C06



008BD3

# Square

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



8C7C06



009283



007FDC



D14C75

# Rectangle

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



8C7C06



268E41



007FDC



AE5CB3



# Sweetspot

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



8C7C06



B5AF81



8C0618



5C583C



DBDBDB



5C5C5C



# Same Dimension

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



8C7C06



B59F00



5B8C06



45443E



857500



050400



# Inverse Universe

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



06168C



0016B5



37068C



3E3F45



001085

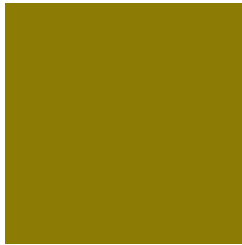


000105



# Previews

## White Background



This preview shows how the Hex color 8C7C06 looks on a white background.

## Color Contrast Check

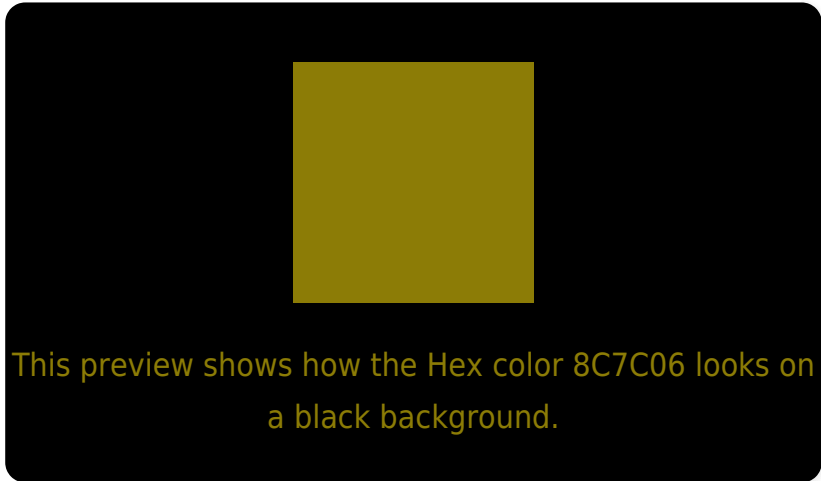
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C7C06 Background



This preview shows how black text looks on a background with the Hex color 8C7C06.



This preview shows how white text looks on a background with the Hex color 8C7C06.

# 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**  
8C7C06

**Protanopia**  
8C7C06

**Deuteranopia**  
9C7510



**Tritanopia**  
93737C

# Trichromacy



**Original Color**  
8C7C06

**Protanomaly**  
8C7C06

**Deuteranomaly**  
96780C

**Tritanomaly**  
907651

# Monochromacy



**Original Color**  
8C7C06

**Achromatopsia**  
737373

**Achromatomaly**  
7C764B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C7C06 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 #8C7C06 looks like.

```
.text, #text, p{  
    color:#8C7C06  
}
```

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 #8C7C06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C7C06
}
```

## Border

The CSS property to change the border of an element to Hex 8C7C06 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
#8C7C06 }
```

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

```
.border{ border-color:#8C7C06 }
```

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

Here you see how a box with a 4 pixel #8C7C06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C7C06; -webkit-box-shadow:4px 4px  
4px 4px #8C7C06; box-shadow:4px 4px 4px  
4px #8C7C06 }
```

# Background

The CSS property to change the background color of an element to Hex 8C7C06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C7C06 }
```

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

```
.background{ background-color:#8C7C06 }
```

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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