

# Converting Colors

Hex(8C7D24)

Have a look what the booklet for  
Hex(8C7D24) contains.

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# Color

Hex(8C7D24)

# Conversions

## Conversions Part 1

Format	Color
Hex	8C7D24
RGB	140, 125, 36
RGB Percent	55%, 49%, 14%
CMY	0.4510, 0.5098, 0.8588
CMYK	0.00, 0.11, 0.74, 0.45
HSL	51°, 59%, 35%
HSV	51°, 74%, 55%
XYZ	18.4673, 20.3701, 4.6276
YIQ	119.3390, 37.5090, -24.4990

# Conversions

## Conversions Part 2

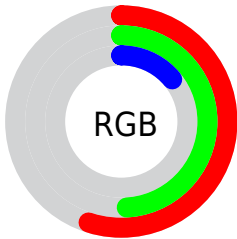
Format	Color
R <sub>Y</sub> B	54, 140, 36
Decimal	9207076
CIE Lab	52.25, -4.60, 47.88
CIE LCh	52, 48.103, 95.486
Yxy	20.3701, 0.4249, 0.4687
Android (android.graphics.Color)	4287397156 (0xFF8C7D24)
YUV	119.3390, -41.0861, 18.1197
Hunter-Lab	45.1332, -5.9458, 25.5142

# Details

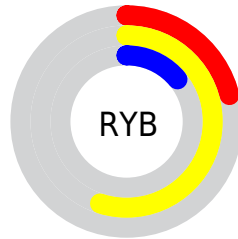
The Hex color **8C7D24** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **24338C**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **C4B157**, and **564D00** is the 20% darker color. If you saturate the color by 10%, you get **8C7B16**, and if you desaturate by 10%, it is **8C7F32**.

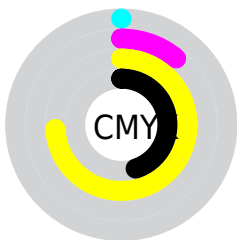
# Distribution



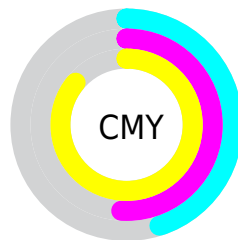
- Red (55%)
- Green (49%)
- Blue (14%)



- Red (21%)
- Yellow (55%)
- Blue (14%)



- Cyan (0%)
- Magenta (11%)
- Yellow (74%)
- Black (45%)



- Cyan (45%)
- Magenta (51%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C7D24 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 8C7D24 by changing the saturation by 10% instead.





8C7D24



8C7D24

FFFFFF



716405



C4B157



564D00



E1CD71



3D3600



FFE98C



242100



FFFFA7



010B00



FFFFC2



000000



FFFFDF



FFFFFC



8C7D24



8C7D24

■ 8C7B16

■ 8C7F32

■ 8C7908

■ 8C8140

■ 8C7800

■ 8C834E

■ 8C855C

■ 8C876A

■ 8C8978

■ 8C8B86

■ 8C8D94

■ 8C8FA2

# Harmonies

## Analogous

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



AE6E30



8C7D24



618835

# Triad

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



8C7D24



0090AB



B55EA0

# Complementary

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



8C7D24



24338C

# 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.



896FC0



8C7D24



008AC7

# Square

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



8C7D24



009183



357FCF



C85777

# Rectangle

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



8C7D24



3B8D4C



357FCF



A963AC



# Sweetspot

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



8C7D24



B5AF8D



8C2434



5C5844



DBDBDB



5C5C5C



# Same Dimension

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



8C7D24



B59E14



688C24



45443E



857100



050400



# Inverse Universe

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



24338C



142BB5



48248C



3E3F45



001385



000105



# Previews

## White Background



This preview shows how the Hex color 8C7D24 looks on a white background.

## Color Contrast Check

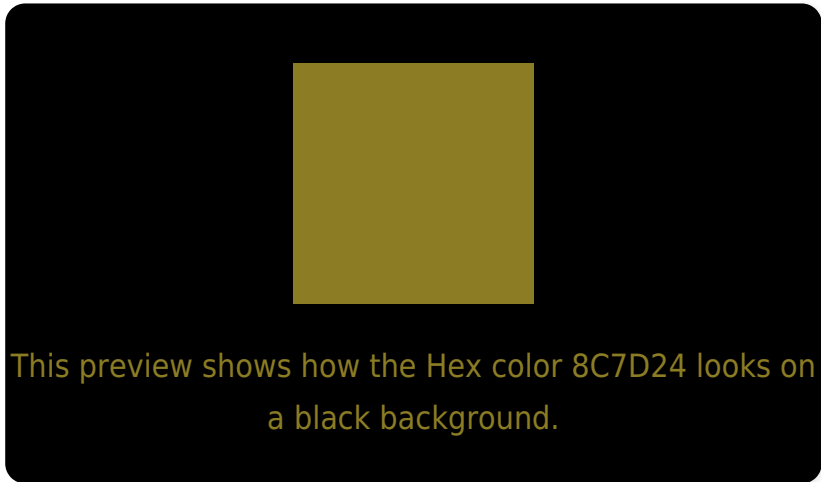
Large Text (above 18pt) WCAG AA ✓ Pass

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

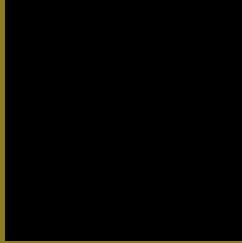
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C7D24 Background



This preview shows how black text looks on a background with the Hex color 8C7D24.



This preview shows how white text looks on a background with the Hex color 8C7D24.

# 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**  
8C7D24

**Protanopia**  
8C7D24

**Deuteranopia**  
9C7627



**Tritanopia**  
93757E

# Trichromacy



**Original Color**  
8C7D24

**Protanomaly**  
8C7D24

**Deuteranomaly**  
967926

**Tritanomaly**  
90785D

# Monochromacy



**Original Color**  
8C7D24

**Achromatopsia**  
777777

**Achromatomaly**  
7F7959

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C7D24 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 #8C7D24 looks like.

```
.text, #text, p{  
    color:#8C7D24  
}
```

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 #8C7D24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C7D24
}
```

## Border

The CSS property to change the border of an element to Hex 8C7D24 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
#8C7D24 }
```

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

```
.border{ border-color:#8C7D24 }
```

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

Here you see how a box with a 4 pixel #8C7D24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C7D24; -webkit-box-shadow:4px 4px  
4px 4px #8C7D24; box-shadow:4px 4px 4px  
4px #8C7D24 }
```

# Background

The CSS property to change the background color of an element to Hex 8C7D24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C7D24 }
```

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

```
.background{ background-color:#8C7D24 }
```

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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