

# Converting Colors

Hex(8B7460)

Have a look what the booklet for  
Hex(8B7460) contains.

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**Color**

**Hex(8B7460)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B7460
RGB	139, 116, 96
RGB Percent	55%, 45%, 38%
CMY	0.4549, 0.5451, 0.6235
CMYK	0.00, 0.17, 0.31, 0.45
HSL	28°, 18%, 46%
HSV	28°, 31%, 55%
XYZ	19.0042, 18.8243, 13.6982
YIQ	120.5970, 20.1280, -1.3440

# Conversions

## Conversions Part 2

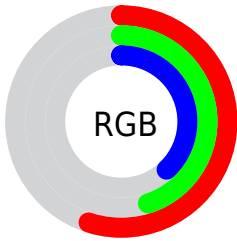
<b>Format</b>	<b>Color</b>
<b>RYB</b>	139, 133, 96
Decimal	9139296
CIELab	50.48, 5.82, 14.41
CIELCh	50, 15.539, 68.007
Yxy	18.8243, 0.3688, 0.3653
Android (android.graphics.Color)	4287329376 (0xFF8B7460)
YUV	120.5970, -12.1263, 16.1394
Hunter-Lab	43.3870, 2.2587, 11.6518

# Details

The Hex color **8B7460** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **60778B**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **C1A893**, and **584432** is the 20% darker color. If you saturate the color by 10%, you get **8B6D52**, and if you desaturate by 10%, it is **8B7B6E**.

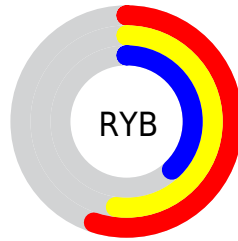
# Distribution



Red (55%)

Green (45%)

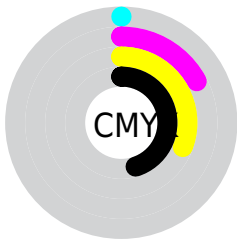
Blue (38%)



Red (55%)

Yellow (52%)

Blue (38%)

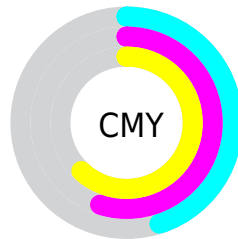


Cyan (0%)

Magenta (17%)

Yellow (31%)

Black (45%)



Cyan (45%)

Magenta (55%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B7460 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 8B7460 by changing the saturation by 10% instead.





8B7460



8B7460

FFFFFF



715B48



C1A893



584432



DDC3AD



402E1C



FADFC9



2A1903



FFFCE5



110000



000000



8B7460



8B7460



8B6D52



8B7B6E



8B6544



8B837C

 8B5E36

 8B8A8A

 8B5628

 8B9298

 8B4F1A

 8B99A6

 8B470D

 8BA1B3

 8B4100

 8BA8C1

 8BAFCF

 8BB7DD

# Harmonies

## Analogous

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



927068



8B7460



7F785E

# Triad

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



8B7460



56807B



7F748D

# Complementary

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



8B7460



60778B

# 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.



6E7892



8B7460



547F88

# Square

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



8B7460



617F6E



5D7C90



8C7082

# Rectangle

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



8B7460



757B61



5D7C90



79758F



# Sweetspot

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



8B7460



B5ACA5



8B6078



5C5652



DBDBDB



5C5C5C



# Same Dimension

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



8B7460



B59172



8B8960



45413E



853E00



050200



# Inverse Universe

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



60778B



7296B5



60628B



3E4245



004785



000305



# Previews

## White Background



This preview shows how the Hex color 8B7460 looks on a white background.

## Color Contrast Check

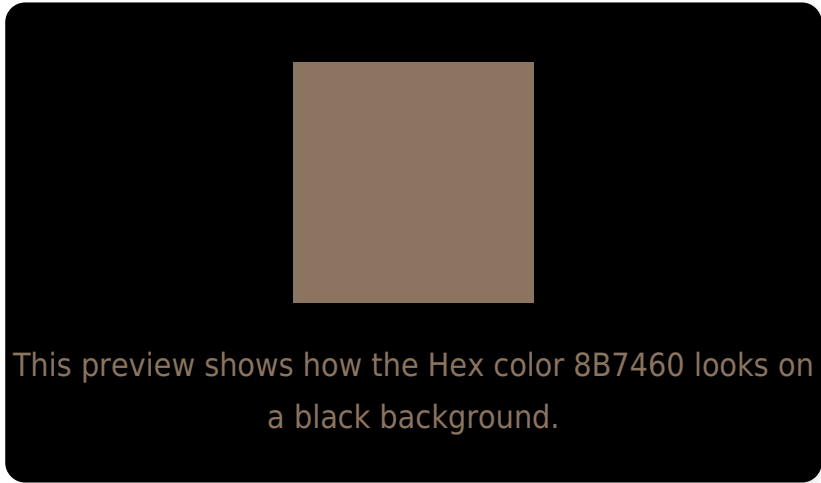
Large Text (above 18pt) WCAG AA ✓ Pass

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

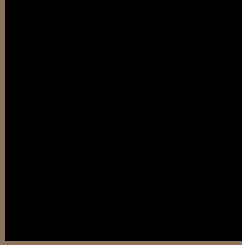
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8B7460 Background



This preview shows how black text looks on a background with the Hex color 8B7460.



This preview shows how white text looks on a background with the Hex color 8B7460.

# 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**  
8B7460

**Protanopia**  
7F7862

**Deuteranopia**  
8C7460



**Tritanopia**  
8E7079

# Trichromacy



**Original Color**  
8B7460

**Protanomaly**  
837761

**Deuteranomaly**  
8C7460

**Tritanomaly**  
8D7170

# Monochromacy



**Original Color**  
8B7460

**Achromatopsia**  
797979

**Achromatomaly**  
807770

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B7460 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 #8B7460 looks like.

```
.text, #text, p{  
    color:#8B7460  
}
```

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 #8B7460 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B7460
}
```

## Border

The CSS property to change the border of an element to Hex 8B7460 is called "border". The border property can be set on classes, ids or directly on the HTML element.

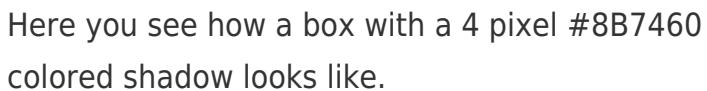
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B7460 }
```

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

```
.border{ border-color:#8B7460 }
```

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



Here you see how a box with a 4 pixel #8B7460 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B7460; -webkit-box-shadow:4px 4px  
4px 4px #8B7460; box-shadow:4px 4px 4px  
4px #8B7460 }
```

# Background

The CSS property to change the background color of an element to Hex 8B7460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B7460 }
```

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

```
.background{ background-color:#8B7460 }
```

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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