

# Converting Colors

Hex(8A7A40)

Have a look what the booklet for  
Hex(8A7A40) contains.

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**Color**

**Hex(8A7A40)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A7A40
RGB	138, 122, 64
RGB Percent	54%, 48%, 25%
CMY	0.4588, 0.5216, 0.7490
CMYK	0.00, 0.12, 0.54, 0.46
HSL	47°, 37%, 40%
HSV	47°, 54%, 54%
XYZ	18.3662, 19.6925, 7.6835
YIQ	120.1720, 28.1540, -14.6460

# Conversions

## Conversions Part 2

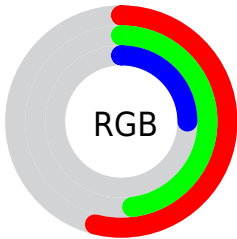
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 138, 64
Decimal	9075264
CIELab	51.49, -1.83, 33.71
CIELCh	51, 33.760, 93.107
Yxy	19.6925, 0.4015, 0.4305
Android (android.graphics.Color)	4287265344 (0xFF8A7A40)
YUV	120.1720, -27.6928, 15.6352
Hunter-Lab	44.3762, -3.7819, 20.7976

# Details

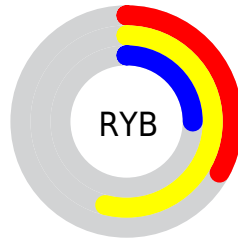
The Hex color **8A7A40** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **40508A**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **C1AE71**, and **564A11** is the 20% darker color. If you saturate the color by 10%, you get **8A7732**, and if you desaturate by 10%, it is **8A7D4E**.

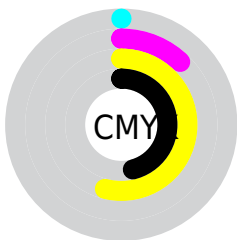
# Distribution



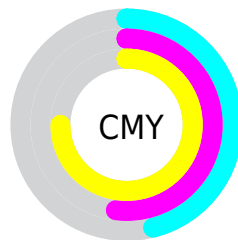
- Red (54%)
- Green (48%)
- Blue (25%)



- Red (33%)
- Yellow (54%)
- Blue (25%)



- Cyan (0%)
- Magenta (12%)
- Yellow (54%)
- Black (46%)



- Cyan (46%)
- Magenta (52%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A7A40 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 8A7A40 by changing the saturation by 10% instead.





8A7A40



8A7A40

FFFFFF



706129



C1AE71



564A11



DECA8B



3E3300



FBE6A6



251E00



FFFFC1



040700



FFFDD



000000



FFFFA



8A7A40



8A7A40



8A7732



8A7D4E

 8A7424

 8A805C

 8A7117

 8A8369

 8A6E09

 8A8677

 8A6C00

 8A8985

 8A8C93

 8A8FA1

 8A92AE

 8A95BC

# Harmonies

## Analogous

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



A27048



8A7A40



6C8249

# Triad

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



8A7A40



008999



A16895

# Complementary

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



8A7A40



40508A

# 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.



8172AB



8A7A40



0085AE

# Square

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



8A7A40



0E8A7D



537DB4



B16379

# Rectangle

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



8A7A40



558657



537DB4



986B9E



# Sweetspot

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



8A7A40



B3AC96



8A4050



595648



D9D9D9



595959



# Same Dimension

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



8A7A40



B39A40



758A40



45433E



856800



050400



# Inverse Universe

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



40508A



4059B3



55408A



3E3F45



001D85



000105



# Previews

## White Background



This preview shows how the Hex color 8A7A40 looks on a white background.

## Color Contrast Check

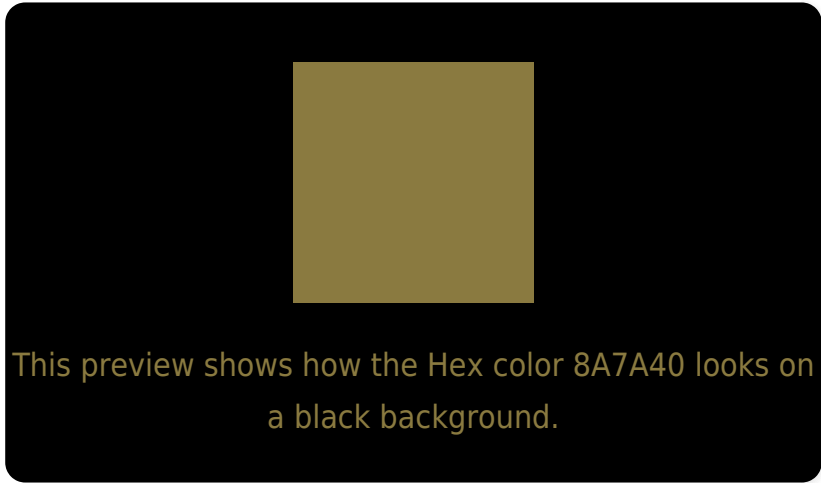
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A7A40 Background



This preview shows how black text looks on a background with the Hex color 8A7A40.



This preview shows how white text looks on a background with the Hex color 8A7A40.

# 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**  
8A7A40

**Protanopia**  
877B40

**Deuteranopia**  
967541



**Tritanopia**  
90737C

# Trichromacy



**Original Color**  
8A7A40

**Protanomaly**  
887B40

**Deuteranomaly**  
927741

**Tritanomaly**  
8E7666

# Monochromacy



**Original Color**  
8A7A40

**Achromatopsia**  
787878

**Achromatomaly**  
7F7964

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A7A40 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 #8A7A40 looks like.

```
.text, #text, p{  
    color:#8A7A40  
}
```

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 #8A7A40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A7A40
}
```

## Border

The CSS property to change the border of an element to Hex 8A7A40 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
#8A7A40 }
```

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

```
.border{ border-color:#8A7A40 }
```

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

Here you see how a box with a 4 pixel #8A7A40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A7A40; -webkit-box-shadow:4px 4px  
4px 4px #8A7A40; box-shadow:4px 4px 4px  
4px #8A7A40 }
```

# Background

The CSS property to change the background color of an element to Hex 8A7A40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A7A40 }
```

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

```
.background{ background-color:#8A7A40 }
```

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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