

# Converting Colors

Hex(826B42)

Have a look what the booklet for  
Hex(826B42) contains.

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**Color**

**Hex(826B42)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	826B42
RGB	130, 107, 66
RGB Percent	51%, 42%, 26%
CMY	0.4902, 0.5804, 0.7412
CMYK	0.00, 0.18, 0.49, 0.49
HSL	38°, 33%, 38%
HSV	38°, 49%, 51%
XYZ	15.4470, 15.6546, 7.3617
YIQ	109.2030, 26.8690, -7.8750

# Conversions

## Conversions Part 2

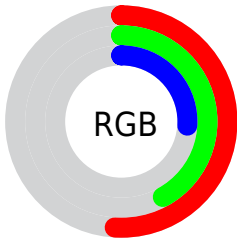
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 130, 66
Decimal	8547138
CIE <sub>Lab</sub>	46.52, 3.39, 26.31
CIE <sub>LCh</sub>	47, 26.529, 82.669
Yxy	15.6546, 0.4016, 0.4070
Android (android.graphics.Color)	4286737218 (0xFF826B42)
YUV	109.2030, -21.2991, 18.2390
Hunter-Lab	39.5658, 0.4483, 16.6644

# Details

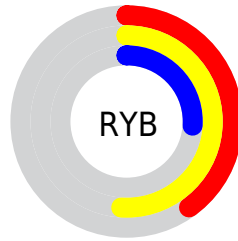
The Hex color **826B42** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **425982**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **B89E73**, and **4F3C15** is the 20% darker color. If you saturate the color by 10%, you get **826635**, and if you desaturate by 10%, it is **82704F**.

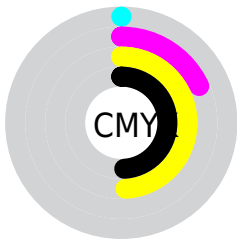
# Distribution



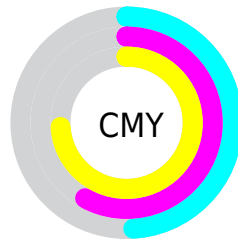
- Red (51%)
- Green (42%)
- Blue (26%)



- Red (40%)
- Yellow (51%)
- Blue (26%)



- Cyan (0%)
- Magenta (18%)
- Yellow (49%)
- Black (49%)



- Cyan (49%)
- Magenta (58%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 826B42 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 826B42 by changing the saturation by 10% instead.





826B42



826B42

FFFFFF



68532B



B89E73



4F3C15



D5B98C



372600



F1D5A7



1F1200



FFF1C2



000000



FFFFDE



FFFFFB



826B42



826B42



826635



82704F

■ 826228

■ 82745C

■ 825D1B

■ 827969

■ 82580E

■ 827E76

■ 825401

■ 828283

■ 825300

■ 828790

■ 828C9D

■ 8290AA

■ 8295B7

# Harmonies

## Analogous

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



92634C



826B42



6C7244

# Triad

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



826B42



1A7A7F



856389

# Complementary

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



826B42



425982

# 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.



696A97



826B42



217791

# Square

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



826B42



367A68



45729A



965E75

# Rectangle

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



826B42



5B764D



45729A



7D658F



# Sweetspot

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



826B42



A89F8F



824259



544F45



D4D4D4



545454



# Same Dimension

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



826B42



A88545



798242



403D39



805200



000000



# Inverse Universe

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



425982



4569A8



4B4282



393C40



002E80



000000



# Previews

## White Background



This preview shows how the Hex color 826B42 looks on a white background.

## Color Contrast Check

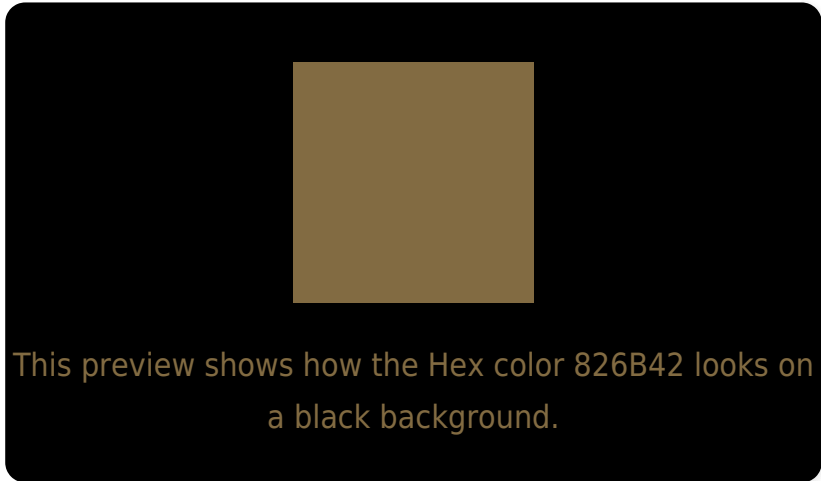
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

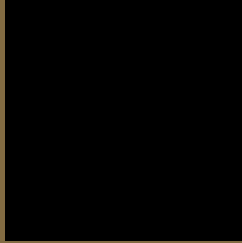
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 826B42 Background



This preview shows how black text looks on a background with the Hex color 826B42.



This preview shows how white text looks on a background with the Hex color 826B42.

# 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**  
826B42

**Protanopia**  
796E43

**Deuteranopia**  
866942



**Tritanopia**  
86666E

# Trichromacy



**Original Color**  
826B42

**Protanomaly**  
7C6D43

**Deuteranomaly**  
856A42

**Tritanomaly**  
85685E

# Monochromacy



**Original Color**  
826B42

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
756C5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 826B42 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 #826B42 looks like.

```
.text, #text, p{  
    color:#826B42  
}
```

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 #826B42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #826B42
}
```

## Border

The CSS property to change the border of an element to Hex 826B42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

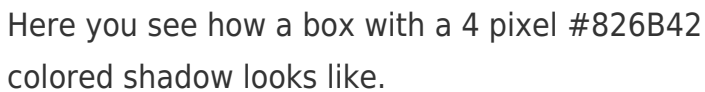
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#826B42 }
```

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

```
.border{ border-color:#826B42 }
```

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



Here you see how a box with a 4 pixel #826B42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #826B42; -webkit-box-shadow:4px 4px  
4px 4px #826B42; box-shadow:4px 4px 4px  
4px #826B42 }
```

# Background

The CSS property to change the background color of an element to Hex 826B42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#826B42 }
```

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

```
.background{ background-color:#826B42 }
```

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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