

Converting Colors

Hex(826C49)

Have a look what the booklet for
Hex(826C49) contains.

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Color

Hex(826C49)

Conversions

Conversions Part 1

Format	Color
Hex	826C49
RGB	130, 108, 73
RGB Percent	51%, 42%, 29%
CMY	0.4902, 0.5765, 0.7137
CMYK	0.00, 0.17, 0.44, 0.49
HSL	37°, 28%, 40%
HSV	37°, 44%, 51%
XYZ	15.7711, 15.9520, 8.5511
YIQ	110.5880, 24.3470, -6.2210

Conversions

Conversions Part 2

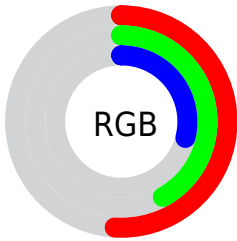
Format	Color
RYB	109, 130, 73
Decimal	8547401
CIELab	46.91, 3.58, 22.82
CIELCh	47, 23.100, 81.074
Yxy	15.9520, 0.3916, 0.3961
Android (android.graphics.Color)	4286737481 (0xFF826C49)
YUV	110.5880, -18.5309, 17.0243
Hunter-Lab	39.9399, 0.5894, 15.2640

Details

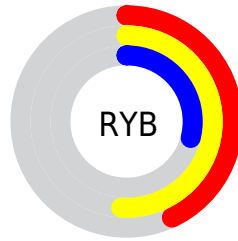
The Hex color **826C49** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **495F82**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **B89F7A**, and **4F3D1C** is the 20% darker color. If you saturate the color by 10%, you get **82673C**, and if you desaturate by 10%, it is **827156**.

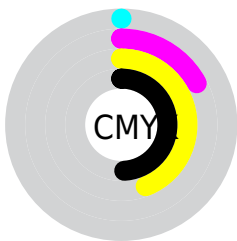
Distribution



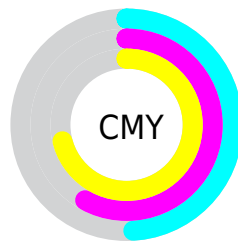
- Red (51%)
- Green (42%)
- Blue (29%)



- Red (43%)
- Yellow (51%)
- Blue (29%)



- Cyan (0%)
- Magenta (17%)
- Yellow (44%)
- Black (49%)



- Cyan (49%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 826C49 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 826C49 by changing the saturation by 10% instead.



826C49



826C49

FFFFFF



685432



B89F7A



4F3D1C



D4BA94



372704



F1D6AF



201300



FFF2CA



000000



FFFEE6



826C49



826C49



82673C



827156



82622F



827663

■ 825D22

■ 827B70

■ 825815

■ 82807D

■ 825308

■ 82858A

■ 825000

■ 828A97

■ 828FA4

■ 8294B1

■ 8299BE

Harmonies

Analogous

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



906652



826C49



6F724B

Triad

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



826C49



307A7C



826688

Complementary

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



826C49



495F82

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.



6A6C93



826C49



34778D

Square

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



826C49



427969



4D7395



926176

Rectangle

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



826C49



607651



4D7395



7B688D

Sweetspot

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



826C49



A8A092



824960



544F47



D4D4D4



545454

Same Dimension

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



826C49



A8864F



7C8249



403D39



804E00



000000

Inverse Universe

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



495F82



4F72A8



4F4982



393C40



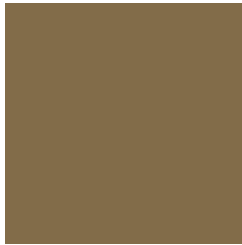
003180



000000

Previews

White Background



This preview shows how the Hex color 826C49 looks on a white background.

Color Contrast Check

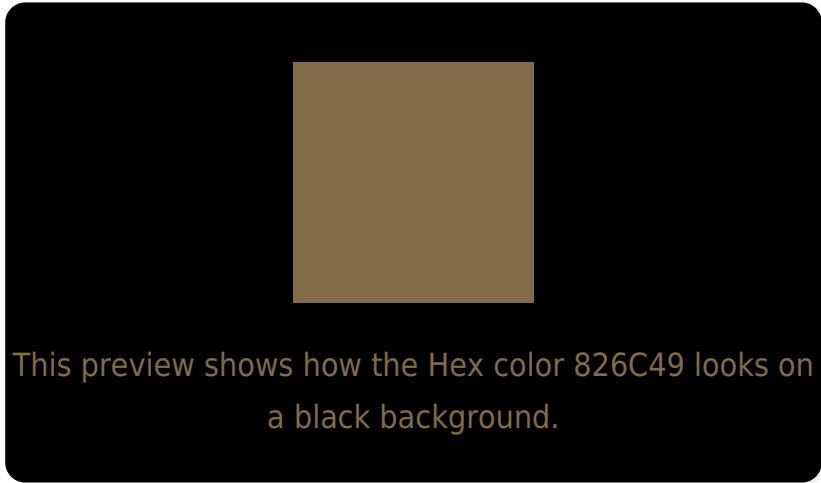
Large Text (above 18pt) WCAG AA ✓ Pass

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 826C49 Background



This preview shows how black text looks on a background with the Hex color 826C49.



This preview shows how white text looks on a background with the Hex color 826C49.

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
826C49

Protanopia
796F4A

Deuteranopia
866A49



Tritanopia
86676F

Trichromacy



Original Color
826C49

Protanomaly
7C6E4A

Deuteranomaly
856B49

Tritanomaly
856961

Monochromacy



Original Color
826C49

Achromatopsia
6F6F6F

Achromatomaly
766E61

CSS Examples

Text

The CSS property to change the color of the text to Hex 826C49 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 #826C49 looks like.

```
.text, #text, p{  
    color:#826C49  
}
```

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 #826C49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #826C49
}
```

Border

The CSS property to change the border of an element to Hex 826C49 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
#826C49 }
```

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

```
.border{ border-color:#826C49 }
```

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

Here you see how a box with a 4 pixel #826C49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #826C49; -webkit-box-shadow:4px 4px  
4px 4px #826C49; box-shadow:4px 4px 4px  
4px #826C49 }
```

Background

The CSS property to change the background color of an element to Hex 826C49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#826C49 }
```

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

```
.background{ background-color:#826C49 }
```

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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