

Converting Colors

Hex(826C45)

Have a look what the booklet for
Hex(826C45) contains.

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Color

Hex(826C45)

Conversions

Conversions Part 1

Format	Color
Hex	826C45
RGB	130, 108, 69
RGB Percent	51%, 42%, 27%
CMY	0.4902, 0.5765, 0.7294
CMYK	0.00, 0.17, 0.47, 0.49
HSL	38°, 31%, 39%
HSV	38°, 47%, 51%
XYZ	15.6427, 15.9006, 7.8749
YIQ	110.1320, 25.6310, -7.4650

Conversions

Conversions Part 2

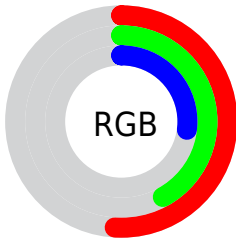
Format	Color
RYB	103, 130, 69
Decimal	8547397
CIELab	46.84, 3.13, 25.02
CIElCh	47, 25.218, 82.875
Yxy	15.9006, 0.3968, 0.4034
Android (android.graphics.Color)	4286737477 (0xFF826C45)
YUV	110.1320, -20.2781, 17.4242
Hunter-Lab	39.8756, 0.2409, 16.2039

Details

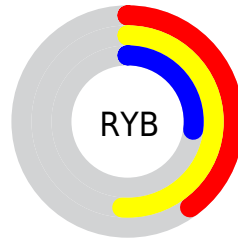
The Hex color **826C45** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **455B82**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B89F76**, and **4F3D18** is the 20% darker color. If you saturate the color by 10%, you get **826738**, and if you desaturate by 10%, it is **827152**.

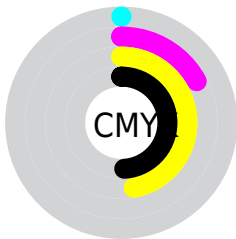
Distribution



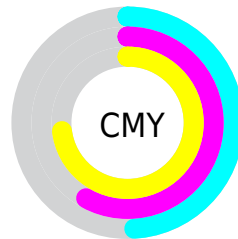
- Red (51%)
- Green (42%)
- Blue (27%)



- Red (40%)
- Yellow (51%)
- Blue (27%)



- Cyan (0%)
- Magenta (17%)
- Yellow (47%)
- Black (49%)



- Cyan (49%)
- Magenta (58%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 826C45 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 826C45 by changing the saturation by 10% instead.



826C45



826C45

FFFFFF



68542E



B89F76



4F3D18



D4BA90



372700



F1D6AA



201300



FFF2C6



000000



FFFFE2



826C45



826C45



826738



827152



82632B



82755F

■ 825E1E

■ 827A6C

■ 825911

■ 827F79

■ 825504

■ 828386

■ 825300

■ 828893

■ 828DA0

■ 8292AD

■ 8296BA

Harmonies

Analogous

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



92654E



826C45



6D7347

Triad

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



826C45



247A7F



856489

Complementary

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



826C45



455B82

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.



6B6B96



826C45



2A7890

Square

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



826C45



3A7A69



4A7399



955F75

Rectangle

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



826C45



5D764F



4A7399



7D668E

Sweetspot

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



826C45



A8A091



82455B



544F46



D4D4D4



545454

Same Dimension

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



826C45



A8864A



7A8245



403D39



805200



000000

Inverse Universe

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



455B82



4A6CA8



4D4582



393C40



002E80



000000

Previews

White Background



This preview shows how the Hex color 826C45 looks on a white background.

Color Contrast Check

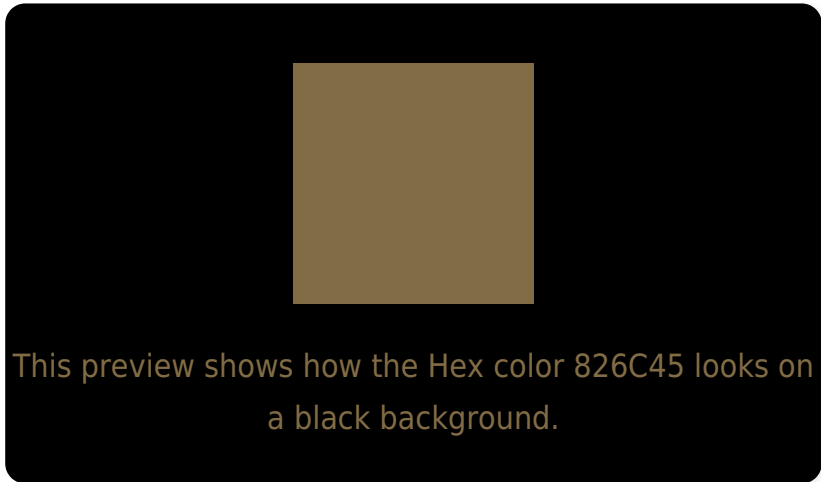
Large Text (above 18pt) WCAG AA ✓ Pass

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

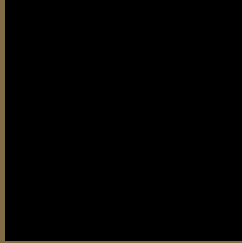
Any Text WCAG AA × Fail

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 826C45 Background



This preview shows how black text looks on a background with the Hex color 826C45.



This preview shows how white text looks on a background with the Hex color 826C45.

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


826C45

Protanopia

796F46

Deuteranopia

866A45



Tritanopia
86676F

Trichromacy



Original Color
826C45

Protanomaly
7C6E46

Deuteranomaly
856B45

Tritanomaly
856960

Monochromacy



Original Color
826C45

Achromatopsia
6E6E6E

Achromatomaly
756D5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 826C45 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 #826C45 looks like.

```
.text, #text, p{  
    color:#826C45  
}
```

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 #826C45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #826C45
}
```

Border

The CSS property to change the border of an element to Hex 826C45 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
#826C45 }
```

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

```
.border{ border-color:#826C45 }
```

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

Here you see how a box with a 4 pixel #826C45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #826C45; -webkit-box-shadow:4px 4px  
4px 4px #826C45; box-shadow:4px 4px 4px  
4px #826C45 }
```

Background

The CSS property to change the background color of an element to Hex 826C45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#826C45 }
```

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

```
.background{ background-color:#826C45 }
```

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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