

Converting Colors

Hex(816B3E)

Have a look what the booklet for
Hex(816B3E) contains.

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Color

Hex(816B3E)

Conversions

Conversions Part 1

Format	Color
Hex	816B3E
RGB	129, 107, 62
RGB Percent	51%, 42%, 24%
CMY	0.4941, 0.5804, 0.7569
CMYK	0.00, 0.17, 0.52, 0.49
HSL	40°, 35%, 37%
HSV	40°, 52%, 51%
XYZ	15.1805, 15.5303, 6.7550
YIQ	108.4480, 27.5570, -9.3310

Conversions

Conversions Part 2

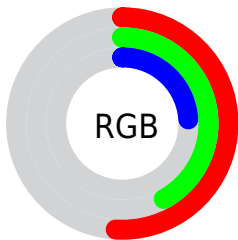
Format	Color
RYB	95, 129, 62
Decimal	8481598
CIELab	46.35, 2.52, 28.33
CIElCh	46, 28.441, 84.914
Yxy	15.5303, 0.4052, 0.4145
Android (android.graphics.Color)	4286671678 (0xFF816B3E)
YUV	108.4480, -22.8989, 18.0241
Hunter-Lab	39.4085, -0.2054, 17.4231

Details

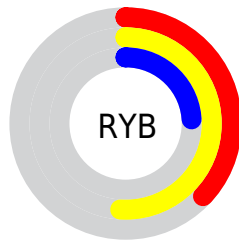
The Hex color **816B3E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3E5481**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **B79E6F**, and **4E3C11** is the 20% darker color. If you saturate the color by 10%, you get **816731**, and if you desaturate by 10%, it is **816F4B**.

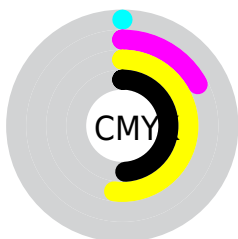
Distribution



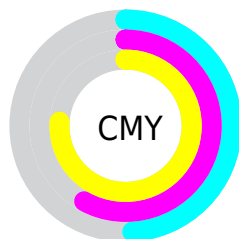
- Red (51%)
- Green (42%)
- Blue (24%)



- Red (37%)
- Yellow (51%)
- Blue (24%)



- Cyan (0%)
- Magenta (17%)
- Yellow (52%)
- Black (49%)





- Cyan (49%)
- Magenta (58%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 816B3E 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 816B3E by changing the saturation by 10% instead.

 816B3E

 816B3E

FFFFFF

 675327

 B79E6F

 4E3C11

 D4B988

 362600

 F1D5A3


 1E1200

 FFF1BE

 000000

 FFFFDA

 FFFFF6

 816B3E

 816B3E

 816731

 816F4B

■ 816324

■ 817358

■ 815E17

■ 817865

■ 815A0A

■ 817C72

■ 815700

■ 81807F

■ 81848B

■ 818998

■ 818DA5

■ 8191B2

Harmonies

Analogous

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



936348



816B3E



697242

Triad

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



816B3E



007A81



88618A

Complementary

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



816B3E



3E5481

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.



6B6999



816B3E



117794

Square

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



816B3E



2C7A69



43719D



995B73

Rectangle

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



816B3E



57764B



43719D



7F6390

Sweetspot

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



816B3E



A89F8D



813E54



544F44



D4D4D4



545454

Same Dimension

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



816B3E



A88640



76813E



403E39



805600



000000

Inverse Universe

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



3E5481



4062A8



493E81



393B40



002A80



000000

Previews

White Background



This preview shows how the Hex color 816B3E looks on a white background.

Color Contrast Check

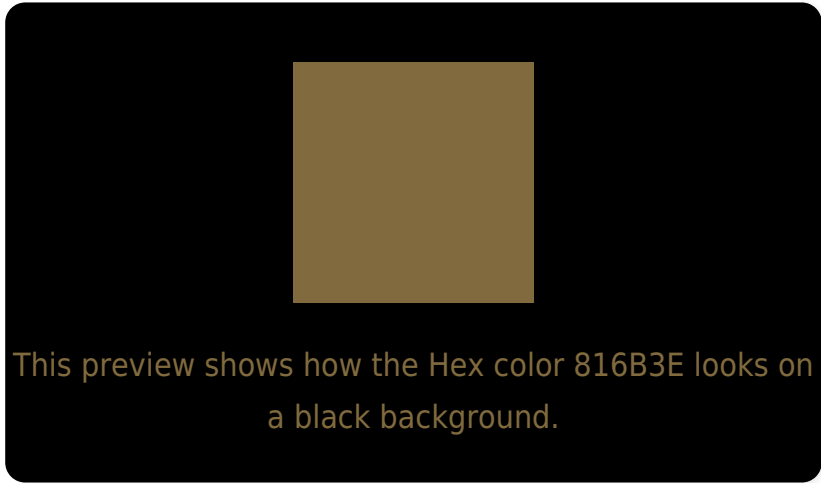
Large Text (above 18pt) WCAG AA ✓ Pass

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

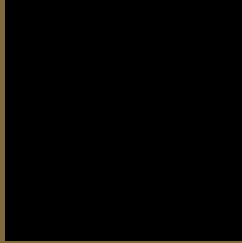
Any Text WCAG AA × Fail

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 816B3E Background



This preview shows how black text looks on a background with the Hex color 816B3E.



This preview shows how white text looks on a background with the Hex color 816B3E.

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


816B3E

Protanopia

796E3F

Deuteranopia

86693E



Tritanopia
85656D

Trichromacy



Original Color
816B3E

Protanomaly
7C6D3F

Deuteranomaly
846A3E

Tritanomaly
84675C

Monochromacy



Original Color
816B3E

Achromatopsia
6C6C6C

Achromatomaly
746C5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 816B3E 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 #816B3E looks like.

```
.text, #text, p{  
    color:#816B3E  
}
```

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 #816B3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #816B3E
}
```

Border

The CSS property to change the border of an element to Hex 816B3E 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
#816B3E }
```

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

```
.border{ border-color:#816B3E }
```

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

Here you see how a box with a 4 pixel #816B3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #816B3E; -webkit-box-shadow:4px 4px  
4px 4px #816B3E; box-shadow:4px 4px 4px  
4px #816B3E }
```

Background

The CSS property to change the background color of an element to Hex 816B3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#816B3E }
```

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

```
.background{ background-color:#816B3E }
```

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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