

Converting Colors

Hex(816355)

Have a look what the booklet for
Hex(816355) contains.

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Color

Hex(816355)

Conversions

Conversions Part 1

Format	Color
Hex	816355
RGB	129, 99, 85
RGB Percent	51%, 39%, 33%
CMY	0.4941, 0.6118, 0.6667
CMYK	0.00, 0.23, 0.34, 0.49
HSL	19°, 21%, 42%
HSV	19°, 34%, 51%
XYZ	15.1548, 14.2467, 10.5455
YIQ	106.3740, 22.3740, 2.0060

Conversions

Conversions Part 2

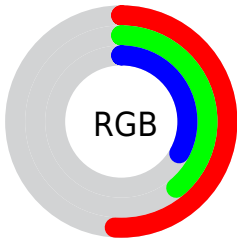
Format	Color
R_{YB}	129, 106, 85
Decimal	8479573
CIE _{Lab}	44.58, 9.99, 12.61
CIE _{LCh}	45, 16.085, 51.619
Yxy	14.2467, 0.3794, 0.3566
Android (android.graphics.Color)	4286669653 (0xFF816355)
YUV	106.3740, -10.5374, 19.8430
Hunter-Lab	37.7448, 5.6156, 9.8564

Details

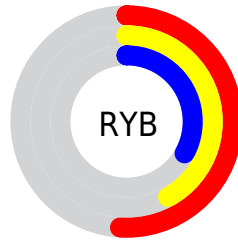
The Hex color **816355** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **557381**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **B79687**, and **4E3428** is the 20% darker color. If you saturate the color by 10%, you get **815A48**, and if you desaturate by 10%, it is **816C62**.

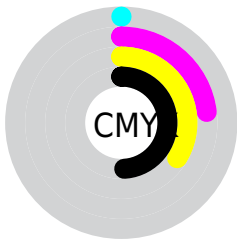
Distribution



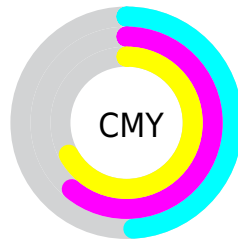
- Red (51%)
- Green (39%)
- Blue (33%)



- Red (51%)
- Yellow (42%)
- Blue (33%)



- Cyan (0%)
- Magenta (23%)
- Yellow (34%)
- Black (49%)




- Cyan (49%)
- Magenta (61%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 816355 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 816355 by changing the saturation by 10% instead.

 816355

 816355

FFFFFFF

 674B3E

 B79687

 4E3428

 D3B1A1

 371F13

 EFCCBC

 220800


 FFE8D8

 000000


 FFFFF4

 816355

 816355

 815A48

 816C62

 81513B

 81756F

■ 81492E

■ 817D7C

■ 814021

■ 818689

■ 813714

■ 818F96

■ 812E08

■ 8198A2

■ 812900

■ 81A1AF

■ 81A9BC

■ 81B2C9

Harmonies

Analogous

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



856060



816355



77674F

Triad

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



816355



4C7165



676782

Complementary

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



816355



557381

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.



556C84



816355



447173

Square

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



816355



5A6F58



476F7E



77637A

Rectangle

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



816355



6E6A4F



476F7E



616983

Sweetspot

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



816355



A89D97



815573



544D4A



D4D4D4



545454

Same Dimension

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



816355



A87963



817955



403B39



802900



000000

Inverse Universe

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



557381



6392A8



555D81



393E40



005780



000000

Previews

White Background



This preview shows how the Hex color 816355 looks on a white background.

Color Contrast Check

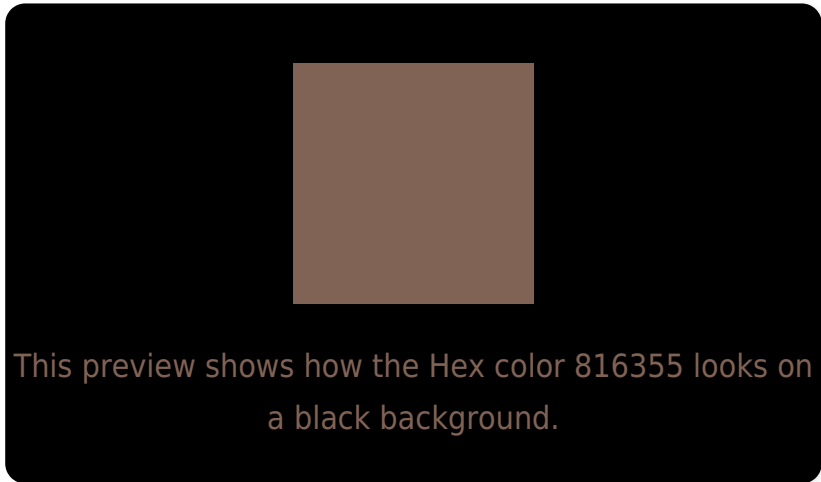
Large Text (above 18pt) WCAG AA ✓ Pass

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 816355 Background



This preview shows how black text looks on a background with the Hex color 816355.



This preview shows how white text looks on a background with the Hex color 816355.

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
816355

Protanopia
706958

Deuteranopia
7B6555



Tritanopia
836068

Trichromacy



Original Color
816355

Protanomaly
766757

Deuteranomaly
7D6455

Tritanomaly
826161

Monochromacy



Original Color
816355

Achromatopsia
6A6A6A

Achromatomaly
726762

CSS Examples

Text

The CSS property to change the color of the text to Hex 816355 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 #816355 looks like.

```
.text, #text, p{  
    color:#816355  
}
```

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 #816355 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #816355
}
```

Border

The CSS property to change the border of an element to Hex 816355 is called "border". The border property can be set on classes, ids or directly on the HTML element.

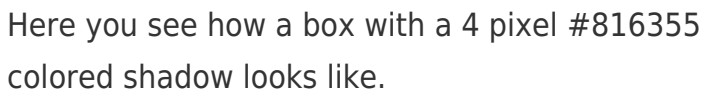
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#816355 }
```

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

```
.border{ border-color:#816355 }
```

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



Here you see how a box with a 4 pixel #816355 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #816355; -webkit-box-shadow:4px 4px  
4px 4px #816355; box-shadow:4px 4px 4px  
4px #816355 }
```

Background

The CSS property to change the background color of an element to Hex 816355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#816355 }
```

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

```
.background{ background-color:#816355 }
```

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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