

Converting Colors

Hex(816400)

Have a look what the booklet for
Hex(816400) contains.

Hex(816400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(816400)

Conversions

Conversions Part 1

Format	Color
Hex	816400
RGB	129, 100, 0
RGB Percent	51%, 39%, 0%
CMY	0.4941, 0.6078, 1.0000
CMYK	0.00, 0.22, 1.00, 0.49
HSL	47°, 100%, 25%
HSV	47°, 100%, 51%
XYZ	13.6104, 13.7815, 1.9427
YIQ	97.2710, 49.3840, -24.9520

Conversions

Conversions Part 2

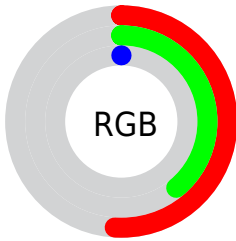
Format	Color
R_{YB}	37, 129, 0
Decimal	8479744
CIE Lab	43.92, 3.32, 51.05
CIE LCh	44, 51.153, 86.280
Yxy	13.7815, 0.4640, 0.4698
Android (android.graphics.Color)	4286669824 (0xFF816400)
YUV	97.2710, -47.9546, 27.8263
Hunter-Lab	37.1234, 0.4769, 22.8836

Details

The Hex color **816400** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **001D81**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **BA963C**, and **4B3600** is the 20% darker color. If you saturate the color by 10%, you get **816400**, and if you desaturate by 10%, it is **81670D**.

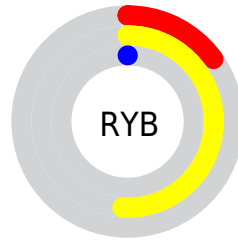
Distribution



Red (51%)

Green (39%)

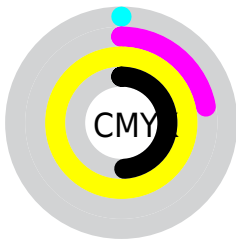
Blue (0%)



Red (15%)

Yellow (51%)

Blue (0%)

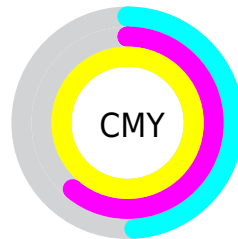


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (49%)



Cyan (49%)


Magenta (61%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 816400 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 816400 by changing the saturation by 10% instead.

 816400

 816400

 FFFFFA

 664C00

 BA963C

 4B3600

 D7B156

 312100

 F5CC70

 180B00

 FFE88A


 000000

 FFFFA5

 FFFFC1


 FFFFDD


 816400

 81670D

 816A1A

 816D27


 817034

 817341

 81754D

 81785A

 817B67

 817E74

Harmonies

Analogous

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



A05320



816400



58700F

Triad

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



816400



007B8C



964B98

Complementary

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



816400



001D81

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.



5D5FB4



816400



0078AE

Square

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



816400



007B61



006EBD



B03D6F

Rectangle

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



816400



347628



006EBD



8752A3

Sweetspot

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



816400



A89D76



81001E



544D36



D4D4D4



545454

Same Dimension

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



816400



A88200



5F8100



403E39



806300



000000

Inverse Universe

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



001D81



0026A8



220081



393B40



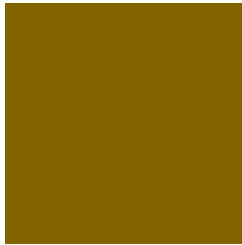
001D80



000000

Previews

White Background



This preview shows how the Hex color 816400 looks on a white background.

Color Contrast Check

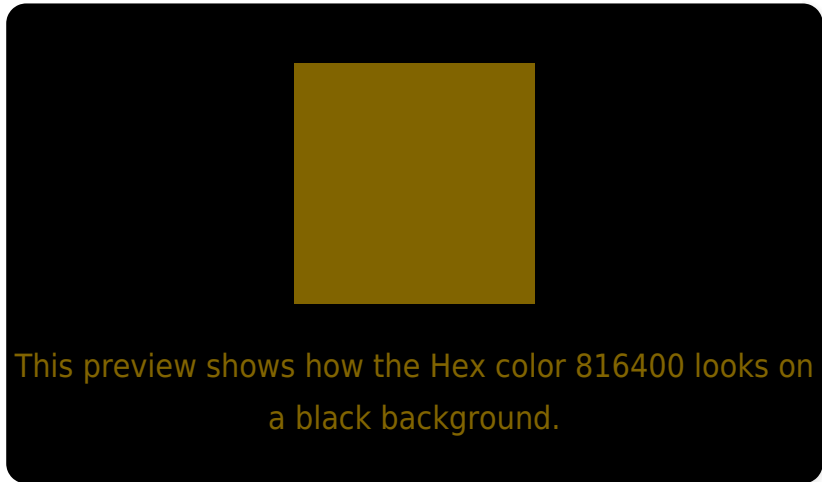
Large Text (above 18pt) WCAG AA ✓ Pass

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 816400 Background



This preview shows how black text looks on a background with the Hex color 816400.



This preview shows how white text looks on a background with the Hex color 816400.

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
816400

Protanopia
766806

Deuteranopia
846306



Tritanopia
865D64

Trichromacy



Original Color
816400

Protanomaly
7A6704

Deuteranomaly
836304

Tritanomaly
846040

Monochromacy



Original Color
816400

Achromatopsia
616161

Achromatomaly
6D623E

CSS Examples

Text

The CSS property to change the color of the text to Hex 816400 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 #816400 looks like.

```
.text, #text, p{  
    color:#816400  
}
```

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 #816400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #816400
}
```

Border

The CSS property to change the border of an element to Hex 816400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

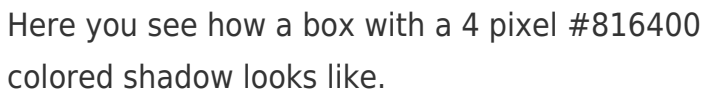
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#816400 }
```

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

```
.border{ border-color:#816400 }
```

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

A rectangular box with a 4px #816400 colored shadow. The box is white with a thin black border and a thick #816400 shadow on the right and bottom sides. The text inside the box reads: "Here you see how a box with a 4 pixel #816400 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #816400; -webkit-box-shadow:4px 4px  
4px 4px #816400; box-shadow:4px 4px 4px  
4px #816400 }
```

Background

The CSS property to change the background color of an element to Hex 816400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#816400 }
```

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

```
.background{ background-color:#816400 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor