

Converting Colors

Hex(844D16)

Have a look what the booklet for
Hex(844D16) contains.

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Color

Hex(844D16)

Conversions

Conversions Part 1

Format	Color
Hex	844D16
RGB	132, 77, 22
RGB Percent	52%, 30%, 9%
CMY	0.4824, 0.6980, 0.9137
CMYK	0.00, 0.42, 0.83, 0.48
HSL	30°, 71%, 30%
HSV	30°, 83%, 52%
XYZ	12.3144, 10.2712, 2.0926
YIQ	87.1750, 50.4350, -5.4450

Conversions

Conversions Part 2

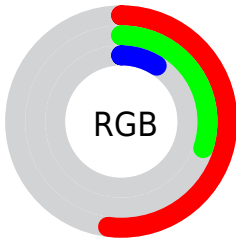
Format	Color
RYB	132, 132, 22
Decimal	8670486
CIELab	38.32, 18.85, 40.09
CIElCh	38, 44.300, 64.823
Yxy	10.2712, 0.4990, 0.4162
Android (android.graphics.Color)	4286860566 (0xFF844D16)
YUV	87.1750, -32.1313, 39.3115
Hunter-Lab	32.0487, 12.5016, 18.5629

Details

The Hex color **844D16** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **164D84**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **BD7E46**, and **4D2000** is the 20% darker color. If you saturate the color by 10%, you get **844609**, and if you desaturate by 10%, it is **845423**.

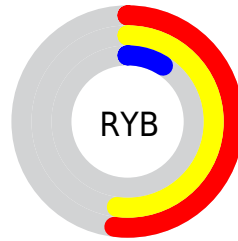
Distribution



Red (52%)

Green (30%)

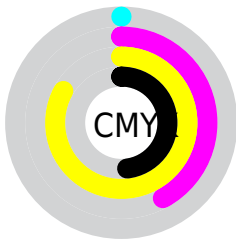
Blue (9%)



Red (52%)

Yellow (52%)

Blue (9%)

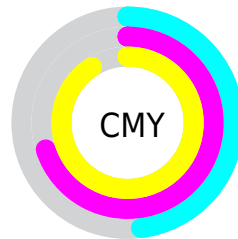


Cyan (0%)

Magenta (42%)

Yellow (83%)

Black (48%)



Cyan (48%)

Magenta (70%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 844D16 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 844D16 by changing the saturation by 10% instead.

 844D16

 844D16

FFFFFF

 683600

 BD7E46

 4D2000

 DB985F

 320B00

 F9B378

 180001

 FFCF92

 000000

 FFEBAD

 FFFFC9

 FFFF E5

 844D16

 844D16

■ 844609

■ 845423

■ 844200

■ 845A30

■ 84613E

■ 84674B

■ 846E58

■ 847565

■ 847B72

■ 848280

■ 84888D

Harmonies

Analogous

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



973E33



844D16



675A06

Triad

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



844D16



006B5F



624E95

Complementary

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



844D16



164D84

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.



005DA2



844D16



006A82

Square

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



844D16



00693A



00669B



8A3E79

Rectangle

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



844D16



4F6110



00669B



4F539C

Sweetspot

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



844D16



AB9580



84164D



574A3D



D6D6D6



575757

Same Dimension

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



844D16



AB5500



848416



423F3C



824100



030100

Inverse Universe

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



164D84



0055AB



161684



3C3F42



004182



000103

Previews

White Background



This preview shows how the Hex color 844D16 looks on a white background.

Color Contrast Check

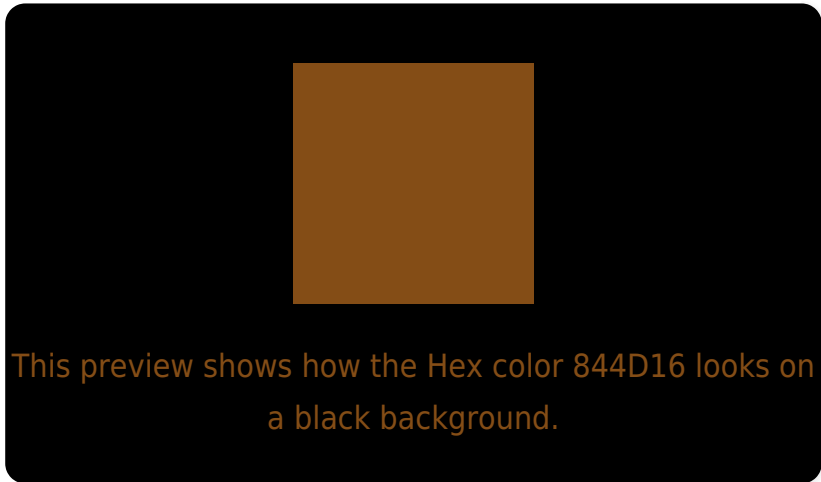
Large Text (above 18pt) WCAG AA ✓ Pass

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

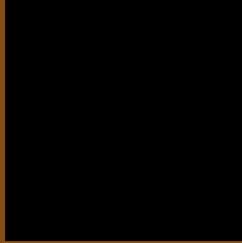
Any Text WCAG AA × Fail

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 844D16 Background



This preview shows how black text looks on a background with the Hex color 844D16.



This preview shows how white text looks on a background with the Hex color 844D16.

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
844D16

Protanopia
665B1A

Deuteranopia
725611



Tritanopia
87484D

Trichromacy



Original Color
844D16

Protanomaly
715619

Deuteranomaly
795313

Tritanomaly
864A39

Monochromacy



Original Color
844D16

Achromatopsia
575757

Achromatomaly
67533F

CSS Examples

Text

The CSS property to change the color of the text to Hex 844D16 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 #844D16 looks like.

```
.text, #text, p{  
    color:#844D16  
}
```

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 #844D16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #844D16
}
```

Border

The CSS property to change the border of an element to Hex 844D16 is called "border". The border property can be set on classes, ids or directly on the HTML element.

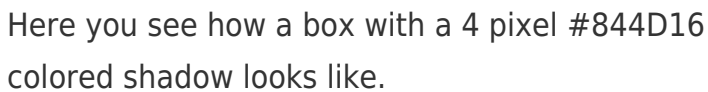
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#844D16 }
```

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

```
.border{ border-color:#844D16 }
```

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



Here you see how a box with a 4 pixel #844D16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #844D16; -webkit-box-shadow:4px 4px  
4px 4px #844D16; box-shadow:4px 4px 4px  
4px #844D16 }
```

Background

The CSS property to change the background color of an element to Hex 844D16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#844D16 }
```

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

```
.background{ background-color:#844D16 }
```

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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