

Converting Colors

Hex(816629)

Have a look what the booklet for
Hex(816629) contains.

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Color

Hex(816629)

Conversions

Conversions Part 1

Format	Color
Hex	816629
RGB	129, 102, 41
RGB Percent	51%, 40%, 16%
CMY	0.4941, 0.6000, 0.8392
CMYK	0.00, 0.21, 0.68, 0.49
HSL	42°, 52%, 33%
HSV	42°, 68%, 51%
XYZ	14.2049, 14.3300, 4.1151
YIQ	103.1190, 35.6730, -13.2470

Conversions

Conversions Part 2

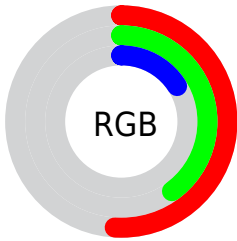
Format	Color
RYB	80, 129, 41
Decimal	8480297
CIELab	44.70, 3.69, 37.54
CIElCh	45, 37.723, 84.384
Yxy	14.3300, 0.4351, 0.4389
Android (android.graphics.Color)	4286670377 (0xFF816629)
YUV	103.1190, -30.6247, 22.6976
Hunter-Lab	37.8549, 0.7351, 20.0532

Details

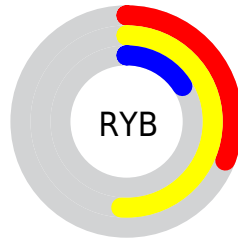
The Hex color **816629** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **294481**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **B89959**, and **4D3700** is the 20% darker color. If you saturate the color by 10%, you get **81621C**, and if you desaturate by 10%, it is **816A36**.

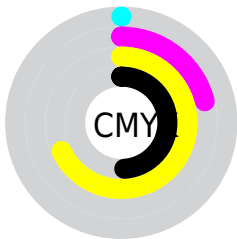
Distribution



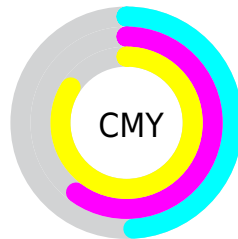
- Red (51%)
- Green (40%)
- Blue (16%)



- Red (31%)
- Yellow (51%)
- Blue (16%)



- Cyan (0%)
- Magenta (21%)
- Yellow (68%)
- Black (49%)



- Cyan (49%)
- Magenta (60%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 816629 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 816629 by changing the saturation by 10% instead.



816629



816629

FFFFFF



664E11



B89959



4D3700



D5B373



332200



F2CF8D



1B0D00



FFEBA7



000000



FFFFC3



FFFFDF



FFFFFFC



816629



816629

■ 81621C

■ 816A36

■ 815E0F

■ 816E43

■ 815A02

■ 817250

■ 815900

■ 81765D

■ 817A6A

■ 817E76

■ 818283

■ 818690

■ 818A9D

Harmonies

Analogous

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



985A37



816629



62702E

Triad

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



816629



007983



8B578F

Complementary

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



816629



294481

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.



6264A3



816629



00769C

Square

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



816629



007963



156FA8



A04F71

Rectangle

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



816629



4A743B



156FA8



7F5B97

Sweetspot

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



816629



A89E87



812945



544E40



D4D4D4



545454

Same Dimension

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



816629



A87E1E



718129



403E39



805800



000000

Inverse Universe

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



294481



1E49A8



392981



393B40



002780



000000

Previews

White Background



This preview shows how the Hex color 816629 looks on a white background.

Color Contrast Check

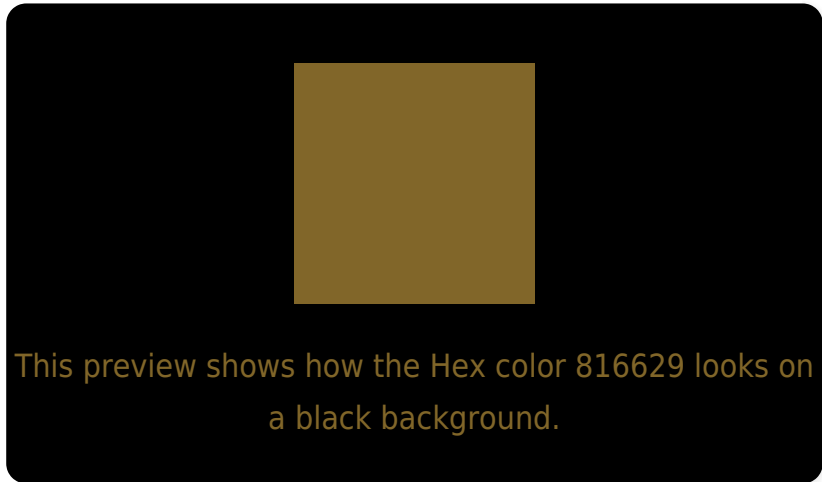
Large Text (above 18pt) WCAG AA ✓ Pass

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

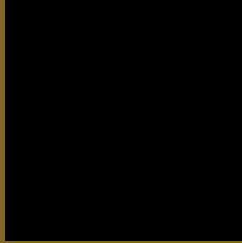
Any Text WCAG AA × Fail

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 816629 Background



This preview shows how black text looks on a background with the Hex color 816629.



This preview shows how white text looks on a background with the Hex color 816629.

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

816629

Protanopia

766A2A

Deuteranopia

846529



Tritanopia
866067

Trichromacy



Original Color
816629

Protanomaly
7A692A

Deuteranomaly
836529

Tritanomaly
846250

Monochromacy



Original Color
816629

Achromatopsia
676767

Achromatomaly
706750

CSS Examples

Text

The CSS property to change the color of the text to Hex 816629 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 #816629 looks like.

```
.text, #text, p{  
    color:#816629  
}
```

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 #816629 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #816629
}
```

Border

The CSS property to change the border of an element to Hex 816629 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
#816629 }
```

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

```
.border{ border-color:#816629 }
```

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

Here you see how a box with a 4 pixel #816629 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #816629; -webkit-box-shadow:4px 4px  
4px 4px #816629; box-shadow:4px 4px 4px  
4px #816629 }
```

Background

The CSS property to change the background color of an element to Hex 816629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#816629 }
```

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

```
.background{ background-color:#816629 }
```

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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