

Converting Colors

Hex(806C16)

Have a look what the booklet for
Hex(806C16) contains.

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Color

Hex(806C16)

Conversions

Conversions Part 1

Format	Color
Hex	806C16
RGB	128, 108, 22
RGB Percent	50%, 42%, 9%
CMY	0.4980, 0.5765, 0.9137
CMYK	0.00, 0.16, 0.83, 0.50
HSL	49°, 71%, 29%
HSV	49°, 83%, 50%
XYZ	14.4095, 15.3722, 2.9667
YIQ	104.1760, 39.5260, -22.5060

Conversions

Conversions Part 2

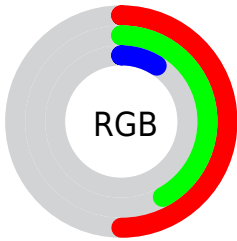
Format	Color
R_{YB}	47, 128, 22
Decimal	8416278
CIE Lab	46.14, -1.24, 46.96
CIE LCh	46, 46.972, 91.508
Yxy	15.3722, 0.4400, 0.4694
Android (android.graphics.Color)	4286606358 (0xFF806C16)
YUV	104.1760, -40.5128, 20.8936
Hunter-Lab	39.2075, -3.0110, 22.9589

Details

The Hex color **806C16** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **162A80**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **B89F4A**, and **4B3D00** is the 20% darker color. If you saturate the color by 10%, you get **806A09**, and if you desaturate by 10%, it is **806E23**.

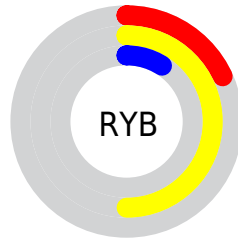
Distribution



Red (50%)

Green (42%)

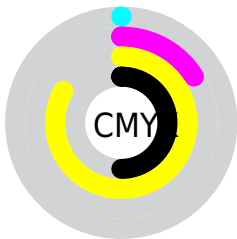
Blue (9%)



Red (18%)

Yellow (50%)

Blue (9%)

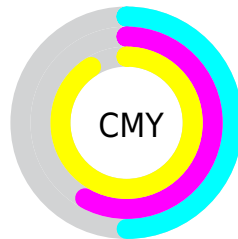


Cyan (0%)

Magenta (16%)

Yellow (83%)

Black (50%)



Cyan (50%)

Magenta (58%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 806C16 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 806C16 by changing the saturation by 10% instead.



806C16



806C16

FFFFFF



655400



B89F4A



4B3D00



D5BA63



312800



F2D67D



191400



FFF298



000000



FFFFB3



FFFFD0



FFFFEC



806C16



806C16

■ 806A09

■ 806E23

■ 806800

■ 807130

■ 80733C

■ 807649

■ 807856

■ 807A63

■ 807D70

■ 807F7C

■ 808289

Harmonies

Analogous

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



9F5D27



806C16



587725

Triad

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



806C16



008095



9E5193

Complementary

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



806C16



162A80

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.



7062B1



806C16



007BB2

Square

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



806C16



00806E



0071BC



B3486D

Rectangle

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



806C16



357C3A



0071BC



92579F

Sweetspot

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



806C16



A69E7C



80162B



544F3B



D4D4D4



545454

Same Dimension

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



806C16



A68702



608016



403F39



806700



000000

Inverse Universe

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



162A80



0221A6



361680



393B40



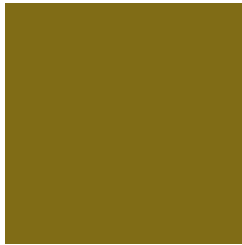
001880



000000

Previews

White Background



This preview shows how the Hex color 806C16 looks on a white background.

Color Contrast Check

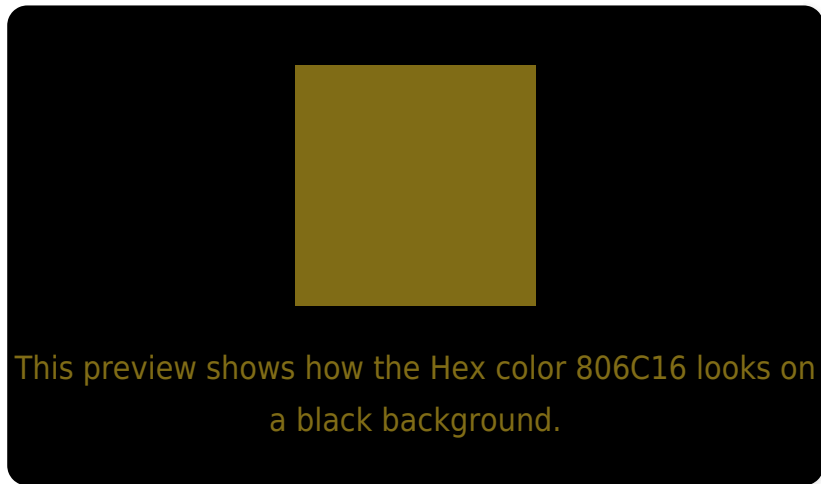
Large Text (above 18pt) WCAG AA ✓ Pass

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 806C16 Background



This preview shows how black text looks on a background with the Hex color 806C16.



This preview shows how white text looks on a background with the Hex color 806C16.

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
806C16

Protanopia
7B6E16

Deuteranopia
8A6818

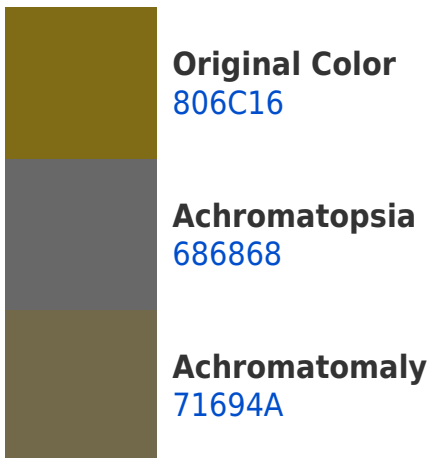


Tritanopia
86656C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 806C16 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 #806C16 looks like.

```
.text, #text, p{  
    color:#806C16  
}
```

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 #806C16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806C16
}
```

Border

The CSS property to change the border of an element to Hex 806C16 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
#806C16 }
```

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

```
.border{ border-color:#806C16 }
```

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

Here you see how a box with a 4 pixel #806C16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806C16; -webkit-box-shadow:4px 4px  
4px 4px #806C16; box-shadow:4px 4px 4px  
4px #806C16 }
```

Background

The CSS property to change the background color of an element to Hex 806C16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806C16 }
```

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

```
.background{ background-color:#806C16 }
```

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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