

Converting Colors

Hex(806B21)

Have a look what the booklet for
Hex(806B21) contains.

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Color

Hex(806B21)

Conversions

Conversions Part 1

Format	Color
Hex	806B21
RGB	128, 107, 33
RGB Percent	50%, 42%, 13%
CMY	0.4980, 0.5804, 0.8706
CMYK	0.00, 0.16, 0.74, 0.50
HSL	47°, 59%, 32%
HSV	47°, 74%, 50%
XYZ	14.4343, 15.2144, 3.6147
YIQ	104.8430, 36.2700, -18.5620

Conversions

Conversions Part 2

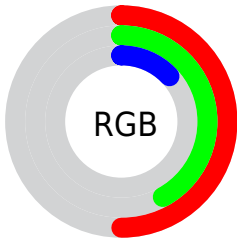
Format	Color
RYB	60, 128, 33
Decimal	8416033
CIELab	45.93, -0.16, 42.49
CIElCh	46, 42.491, 90.220
Yxy	15.2144, 0.4339, 0.4574
Android (android.graphics.Color)	4286606113 (0xFF806B21)
YUV	104.8430, -35.4186, 20.3087
Hunter-Lab	39.0056, -2.2047, 21.8094

Details

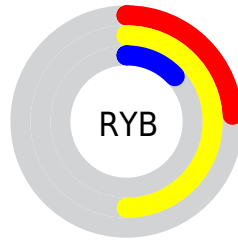
The Hex color **806B21** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **213680**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **B89E52**, and **4C3C00** is the 20% darker color. If you saturate the color by 10%, you get **806814**, and if you desaturate by 10%, it is **806E2E**.

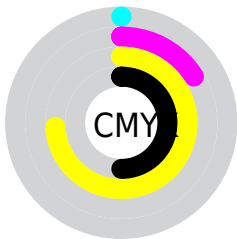
Distribution



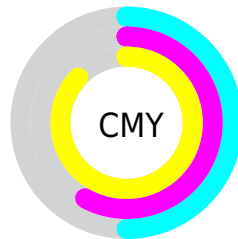
- Red (50%)
- Green (42%)
- Blue (13%)



- Red (24%)
- Yellow (50%)
- Blue (13%)



- Cyan (0%)
- Magenta (16%)
- Yellow (74%)
- Black (50%)



- Cyan (50%)
- Magenta (58%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 806B21 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 806B21 by changing the saturation by 10% instead.

 806B21

 806B21

FFFFFF

 655305

 B89E52

 4C3C00

 D4B96C

 322700

 F2D486

 191300

 FFF1A1

 000000

 FFFFBC

 FFFFD8

 FFFFF5

 806B21

 806B21

■ 806814

■ 806E2E

■ 806507

■ 80713B

■ 806400

■ 807347

■ 807654

■ 807961

■ 807C6E

■ 807F7B

■ 808287

■ 808494

Harmonies

Analogous

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



9C5E2F



806B21



5C752C

Triad

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



806B21



007E90



985591

Complementary

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



806B21



213680

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.



6E63AA



806B21



0079AA

Square

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



806B21



007E6C



1971B4



AC4D6E

Rectangle

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



806B21



3E7A3D



1971B4



8D599B

Sweetspot

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



806B21



A69E81



802137



544F3E



D4D4D4



545454

Same Dimension

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



806B21



A68512



678021



403E39



806300



000000

Inverse Universe

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



213680



1233A6



3A2180



393B40



001C80



000000

Previews

White Background



This preview shows how the Hex color 806B21 looks on a white background.

Color Contrast Check

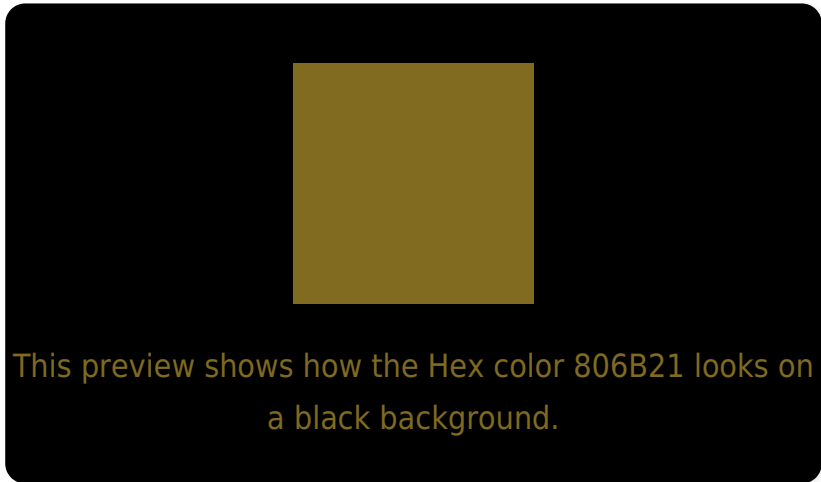
Large Text (above 18pt) WCAG AA ✓ Pass

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 806B21 Background



This preview shows how black text looks on a background with the Hex color 806B21.



This preview shows how white text looks on a background with the Hex color 806B21.

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
806B21

Protanopia
7A6D22

Deuteranopia
886722



Tritanopia
85646C

Trichromacy



Original Color
806B21

Protanomaly
7C6C22

Deuteranomaly
856822

Tritanomaly
836751

Monochromacy



Original Color
806B21

Achromatopsia
696969

Achromatomaly
716A4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 806B21 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 #806B21 looks like.

```
.text, #text, p{  
    color:#806B21  
}
```

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 #806B21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806B21
}
```

Border

The CSS property to change the border of an element to Hex 806B21 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
#806B21 }
```

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

```
.border{ border-color:#806B21 }
```

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

Here you see how a box with a 4 pixel #806B21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806B21; -webkit-box-shadow:4px 4px  
4px 4px #806B21; box-shadow:4px 4px 4px  
4px #806B21 }
```

Background

The CSS property to change the background color of an element to Hex 806B21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806B21 }
```

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

```
.background{ background-color:#806B21 }
```

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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