

Converting Colors

Hex(876C0B)

Have a look what the booklet for
Hex(876C0B) contains.

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Color

Hex(876C0B)

Conversions

Conversions Part 1

Format	Color
Hex	876C0B
RGB	135, 108, 11
RGB Percent	53%, 42%, 4%
CMY	0.4706, 0.5765, 0.9569
CMYK	0.00, 0.20, 0.92, 0.47
HSL	47°, 85%, 29%
HSV	47°, 92%, 53%
XYZ	15.4146, 15.9002, 2.5732
YIQ	105.0150, 47.2290, -24.4430

Conversions

Conversions Part 2

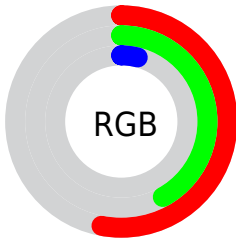
Format	Color
R_{YB}	46, 135, 11
Decimal	8875019
CIE Lab	46.84, 1.79, 50.96
CIE LCh	47, 50.988, 87.985
Yxy	15.9002, 0.4549, 0.4692
Android (android.graphics.Color)	4287065099 (0xFF876C0B)
YUV	105.0150, -46.3494, 26.2968
Hunter-Lab	39.8750, -0.7779, 24.0864

Details

The Hex color **876C0B** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0B2687**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **C09F43**, and **513D00** is the 20% darker color. If you saturate the color by 10%, you get **876A00**, and if you desaturate by 10%, it is **876F19**.

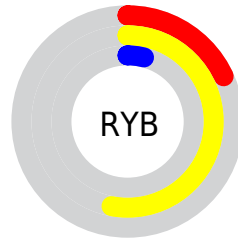
Distribution



Red (53%)

Green (42%)

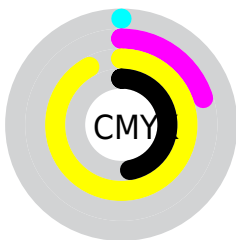
Blue (4%)



Red (18%)

Yellow (53%)

Blue (4%)

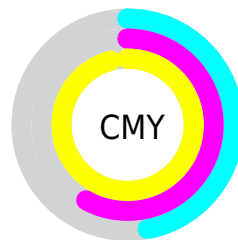


Cyan (0%)

Magenta (20%)

Yellow (92%)

Black (47%)



Cyan (47%)

Magenta (58%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 876C0B 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 876C0B by changing the saturation by 10% instead.



876C0B



876C0B

FFFFFF



6B5400



C09F43



513D00



DDBA5D



372800



FBD677



1E1400



FFF292



000000



FFFFAD



FFFFC9



FFFFE6



876C0B



876C0B

■ 876A00

■ 876F19

■ 877226

■ 877534

■ 877841

■ 877B4F

■ 877E5C

■ 87816A

■ 878477

■ 878685

Harmonies

Analogous

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



A75B25



876C0B



5D781A

Triad

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



876C0B



008396



A0529D

Complementary

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



876C0B



0B2687

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.



6965BB



876C0B



007FB7

Square

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



876C0B



00836B



0075C5



B94574

Rectangle

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



876C0B



387E32



0075C5



9158A9

Sweetspot

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



876C0B



B0A57F



870B28



59533B



D9D9D9



595959

Same Dimension

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



876C0B



B08A00



66870B



42413C



826600



030200

Inverse Universe

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



0B2687



0026B0



2C0B87



3C3D42



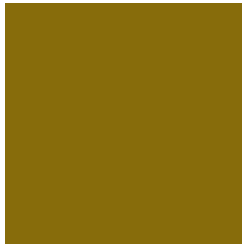
001C82



000103

Previews

White Background



This preview shows how the Hex color 876C0B looks on a white background.

Color Contrast Check

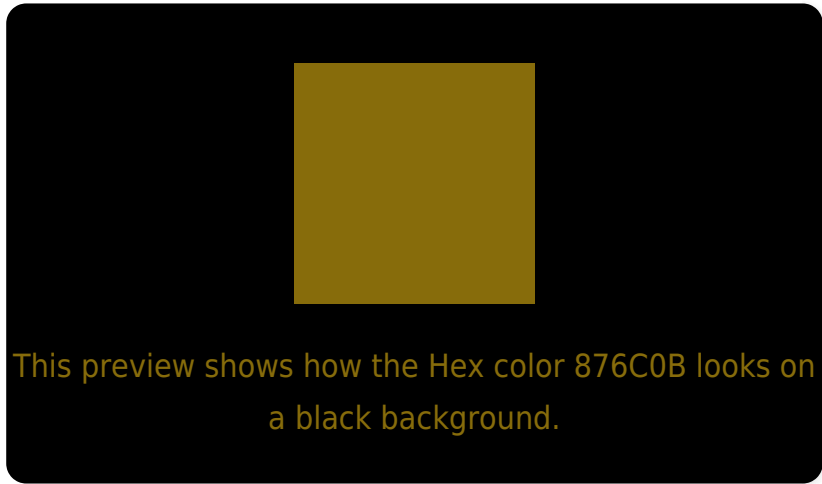
Large Text (above 18pt) WCAG AA ✓ Pass

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 876C0B Background



This preview shows how black text looks on a background with the Hex color 876C0B.



This preview shows how white text looks on a background with the Hex color 876C0B.

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
876C0B

Protanopia
7E700C

Deuteranopia
8D6A0E



Tritanopia
8D646C

Trichromacy



Original Color
876C0B

Protanomaly
816F0C

Deuteranomaly
8B6B0D

Tritanomaly
8B6749

Monochromacy



Original Color
876C0B

Achromatopsia
696969

Achromatomaly
746A47

CSS Examples

Text

The CSS property to change the color of the text to Hex 876C0B 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 #876C0B looks like.

```
.text, #text, p{  
    color:#876C0B  
}
```

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 #876C0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #876C0B
}
```

Border

The CSS property to change the border of an element to Hex 876C0B 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
#876C0B }
```

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

```
.border{ border-color:#876C0B }
```

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

Here you see how a box with a 4 pixel #876C0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #876C0B; -webkit-box-shadow:4px 4px  
4px 4px #876C0B; box-shadow:4px 4px 4px  
4px #876C0B }
```

Background

The CSS property to change the background color of an element to Hex 876C0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#876C0B }
```

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

```
.background{ background-color:#876C0B }
```

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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