

Converting Colors

Hex(836E0C)

Have a look what the booklet for
Hex(836E0C) contains.

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Color

Hex(836E0C)

Conversions

Conversions Part 1

Format	Color
Hex	836E0C
RGB	131, 110, 12
RGB Percent	51%, 43%, 5%
CMY	0.4863, 0.5686, 0.9529
CMYK	0.00, 0.16, 0.91, 0.49
HSL	49°, 83%, 28%
HSV	49°, 91%, 51%
XYZ	15.0024, 16.0037, 2.6461
YIQ	105.1070, 43.9740, -26.0260

Conversions

Conversions Part 2

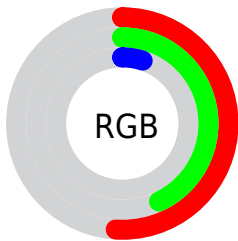
Format	Color
R_{YB}	38, 131, 12
Decimal	8613388
CIE Lab	46.98, -1.25, 50.65
CIE LCh	47, 50.669, 91.410
Yxy	16.0037, 0.4458, 0.4756
Android (android.graphics.Color)	4286803468 (0xFF836E0C)
YUV	105.1070, -45.9018, 22.7082
Hunter-Lab	40.0046, -3.0678, 24.0814

Details

The Hex color **836E0C** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0C2183**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **BBA144**, and **4E3F00** is the 20% darker color. If you saturate the color by 10%, you get **836C00**, and if you desaturate by 10%, it is **837019**.

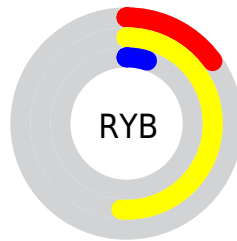
Distribution



Red (51%)

Green (43%)

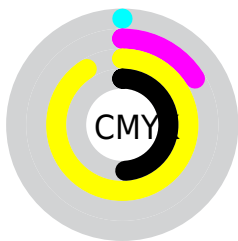
Blue (5%)



Red (15%)

Yellow (51%)

Blue (5%)

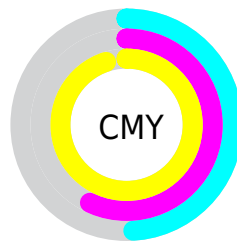


Cyan (0%)

Magenta (16%)

Yellow (91%)

Black (49%)



Cyan (49%)

Magenta (57%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 836E0C 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 836E0C by changing the saturation by 10% instead.



836E0C



836E0C

FFFFFF



685600



BBA144



4E3F00



D9BC5E



332900



F6D878



1B1500



FFF493



000000



FFFFAE



FFFPCA



FFFFE7



836E0C



836E0C

■ 836C00

■ 837019

■ 837326

■ 837533

■ 837740

■ 837A4E

■ 837C5B

■ 837E68

■ 838075

■ 838382

Harmonies

Analogous

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



A45E22



836E0C



587A1F

Triad

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



836E0C



00839B



A45099

Complementary

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



836E0C



0C2183

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.



7263B8



836E0C



007EBA

Square

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



836E0C



008370



0074C5



BA466F

Rectangle

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



836E0C



317F37



0074C5



9756A5

Sweetspot

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



836E0C



ABA37D



830C22



57523B



D6D6D6



575757

Same Dimension

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



836E0C



AB8D00



5D830C



42413C



826B00



030200

Inverse Universe

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



0C2183



001EAB



320C83



3C3D42



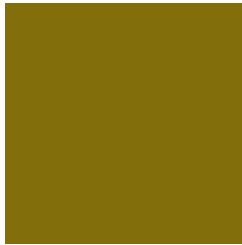
001782



000003

Previews

White Background



This preview shows how the Hex color 836E0C looks on a white background.

Color Contrast Check

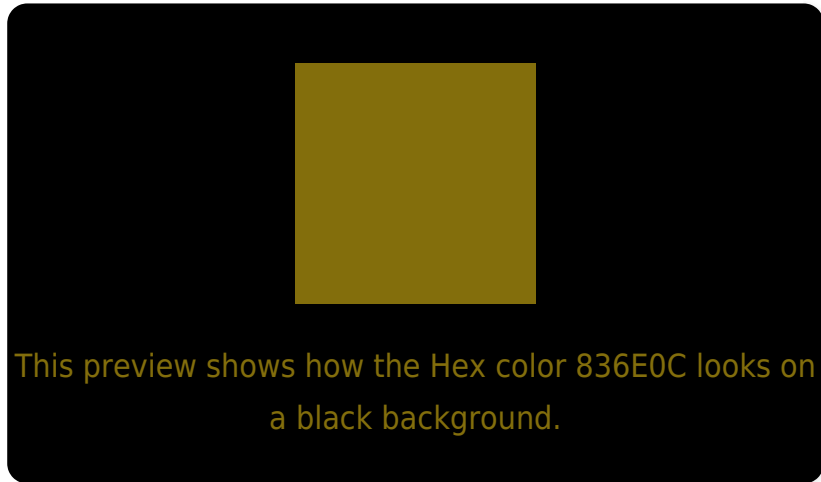
Large Text (above 18pt) WCAG AA ✓ Pass

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 836E0C Background



This preview shows how black text looks on a background with the Hex color 836E0C.



This preview shows how white text looks on a background with the Hex color 836E0C.

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
836E0C

Protanopia
7E700D

Deuteranopia
8D6A10



Tritanopia
89666E

Trichromacy



Original Color
836E0C

Protanomaly
806F0D

Deuteranomaly
896B0F

Tritanomaly
87694A

Monochromacy



Original Color
836E0C

Achromatopsia
696969

Achromatomaly
726B47

CSS Examples

Text

The CSS property to change the color of the text to Hex 836E0C 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 #836E0C looks like.

```
.text, #text, p{  
    color:#836E0C  
}
```

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 #836E0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836E0C
}
```

Border

The CSS property to change the border of an element to Hex 836E0C 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
#836E0C }
```

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

```
.border{ border-color:#836E0C }
```

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

Here you see how a box with a 4 pixel #836E0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836E0C; -webkit-box-shadow:4px 4px  
4px 4px #836E0C; box-shadow:4px 4px 4px  
4px #836E0C }
```

Background

The CSS property to change the background color of an element to Hex 836E0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836E0C }
```

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

```
.background{ background-color:#836E0C }
```

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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