

Converting Colors

Hex(86711E)

Have a look what the booklet for
Hex(86711E) contains.

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Color

Hex(86711E)

Conversions

Conversions Part 1

Format	Color
Hex	86711E
RGB	134, 113, 30
RGB Percent	53%, 44%, 12%
CMY	0.4745, 0.5569, 0.8824
CMYK	0.00, 0.16, 0.78, 0.47
HSL	48°, 63%, 32%
HSV	48°, 78%, 53%
XYZ	15.9710, 16.9723, 3.6625
YIQ	109.8170, 39.1590, -21.3610

Conversions

Conversions Part 2

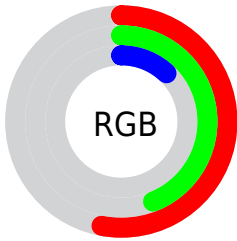
Format	Color
RYB	56, 134, 30
Decimal	8810782
CIELab	48.23, -0.92, 46.17
CIELCh	48, 46.181, 91.144
Yxy	16.9723, 0.4363, 0.4637
Android (android.graphics.Color)	4287000862 (0xFF86711E)
YUV	109.8170, -39.3498, 21.2085
Hunter-Lab	41.1975, -2.8967, 23.5673

Details

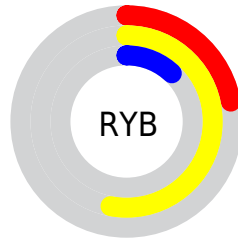
The Hex color **86711E** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1E3386**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **BEA451**, and **514200** is the 20% darker color. If you saturate the color by 10%, you get **866E11**, and if you desaturate by 10%, it is **86742B**.

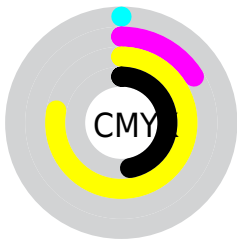
Distribution



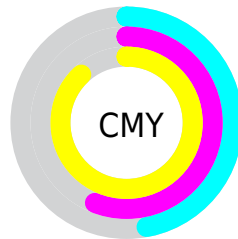
- Red (53%)
- Green (44%)
- Blue (12%)



- Red (22%)
- Yellow (53%)
- Blue (12%)



- Cyan (0%)
- Magenta (16%)
- Yellow (78%)
- Black (47%)



- Cyan (47%)
- Magenta (56%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86711E 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 86711E by changing the saturation by 10% instead.



86711E



86711E

FFFFFF



6B5900



BEA451



514200



DBBF6A



372C00



F9DB85



1E1800



FFF89F



000000



FFFFBB



FFFFD7



FFFFF4



86711E



86711E

■ 866E11

■ 86742B

■ 866C03

■ 867639

■ 866B00

■ 867946

■ 867C54

■ 867F61

■ 86816E

■ 86847C

■ 868789

■ 868997

Harmonies

Analogous

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



A5622D



86711E



5F7C2B

Triad

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



86711E



00859A



A35799

Complementary

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



86711E



1E3386

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.



7568B6



86711E



0080B6

Square

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



86711E



008573



0F76C0



B84F73

Rectangle

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



86711E



3D813F



0F76C0



975DA4

Sweetspot

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



86711E



ADA586



861E35



57523E



D6D6D6



575757

Same Dimension

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



86711E



AD8D0C



69861E



42413C



826800



030200

Inverse Universe

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



1E3386



0C2DAD



3B1E86



3C3D42



001A82



000103

Previews

White Background



This preview shows how the Hex color 86711E 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

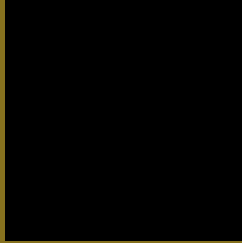
Any Text WCAG AA × Fail

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 86711E Background



This preview shows how black text looks on a background with the Hex color 86711E.



This preview shows how white text looks on a background with the Hex color 86711E.

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
86711E

Protanopia
81731E

Deuteranopia
906D20

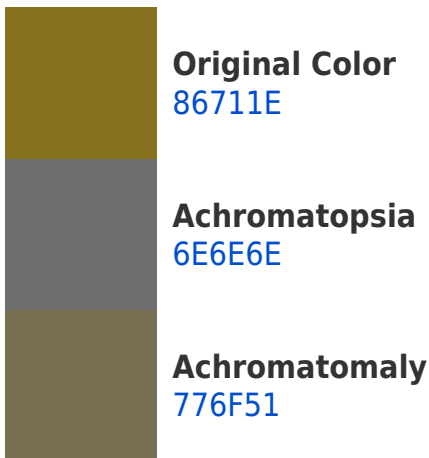


Tritanopia
8C6972

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86711E 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 #86711E looks like.

```
.text, #text, p{  
    color:#86711E  
}
```

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 #86711E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86711E
}
```

Border

The CSS property to change the border of an element to Hex 86711E is called "border". The border property can be set on classes, ids or directly on the HTML element.

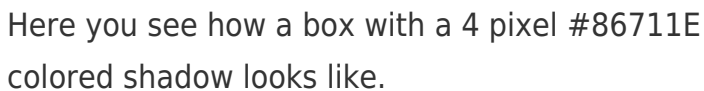
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86711E }
```

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

```
.border{ border-color:#86711E }
```

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



Here you see how a box with a 4 pixel #86711E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86711E; -webkit-box-shadow:4px 4px  
4px 4px #86711E; box-shadow:4px 4px 4px  
4px #86711E }
```

Background

The CSS property to change the background color of an element to Hex 86711E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86711E }
```

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

```
.background{ background-color:#86711E }
```

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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