

Converting Colors

Hex(86771E)

Have a look what the booklet for
Hex(86771E) contains.

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Color

Hex(86771E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 86771E |
| RGB | 134, 119, 30 |
| RGB Percent | 53%, 47%, 12% |
| CMY | 0.4745, 0.5333, 0.8824 |
| CMYK | 0.00, 0.11, 0.78, 0.47 |
| HSL | 51°, 63%, 32% |
| HSV | 51°, 78%, 53% |
| XYZ | 16.6627, 18.3557, 3.8931 |
| YIQ | 113.3390, 37.5090, -24.4990 |

Conversions

Conversions Part 2

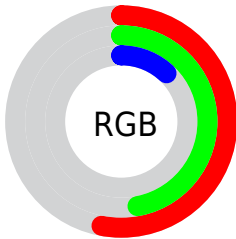
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 48, 134, 30 |
| Decimal | 8812318 |
| CIELab | 49.92, -4.32, 47.78 |
| CIELCh | 50, 47.970, 95.168 |
| Yxy | 18.3557, 0.4282, 0.4717 |
| Android (android.graphics.Color) | 4287002398 (0xFF86771E) |
| YUV | 113.3390, -41.0861, 18.1197 |
| Hunter-Lab | 42.8436, -5.5542, 24.6030 |

Details

The Hex color **86771E** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1E2D86**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **BEAB52**, and **514700** is the 20% darker color. If you saturate the color by 10%, you get **867511**, and if you desaturate by 10%, it is **86792B**.

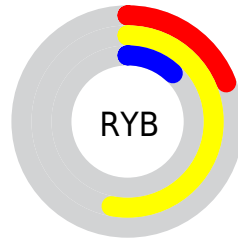
Distribution



Red (53%)

Green (47%)

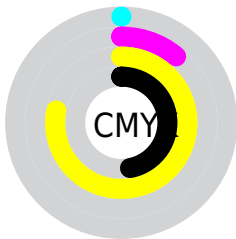
Blue (12%)



Red (19%)

Yellow (53%)

Blue (12%)

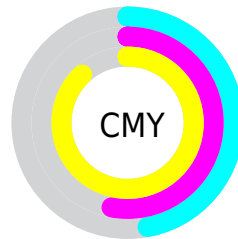


Cyan (0%)

Magenta (11%)

Yellow (78%)

Black (47%)



Cyan (47%)

Magenta (53%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86771E 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 86771E by changing the saturation by 10% instead.

 86771E

 86771E

FFFFFF

 6B5E00

 BEAB52

 514700

 DBC66B

 373100

 F8E286

 1F1C00

 FFFFA1

 000000

 FFFFBC

 FFFFD8

 FFFFF5

 86771E

 86771E

■ 867511

■ 86792B

■ 867303

■ 867B39

■ 867300

■ 867D46

■ 867F54

■ 868161

■ 86836E

■ 86857C

■ 868689

■ 868897

Harmonies

Analogous

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



A7682B



86771E



5B8230

Triad

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



86771E



0089A5



AE589A

Complementary

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



86771E



1E2D86

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.



8269BA



86771E



0084C0

Square

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



86771E



008B7D



2B79C8



C15171

Rectangle

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



86771E



358646



2B79C8



A25DA6

Sweetspot

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



86771E



ADA886



861E2E



57533E



D6D6D6



575757

Same Dimension

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



86771E



AD960C



62861E



42413C



826F00



030200

Inverse Universe

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



1E2D86



0C23AD



421E86



3C3D42



001382



000003

Previews

White Background



This preview shows how the Hex color 86771E looks on a white background.

Color Contrast Check

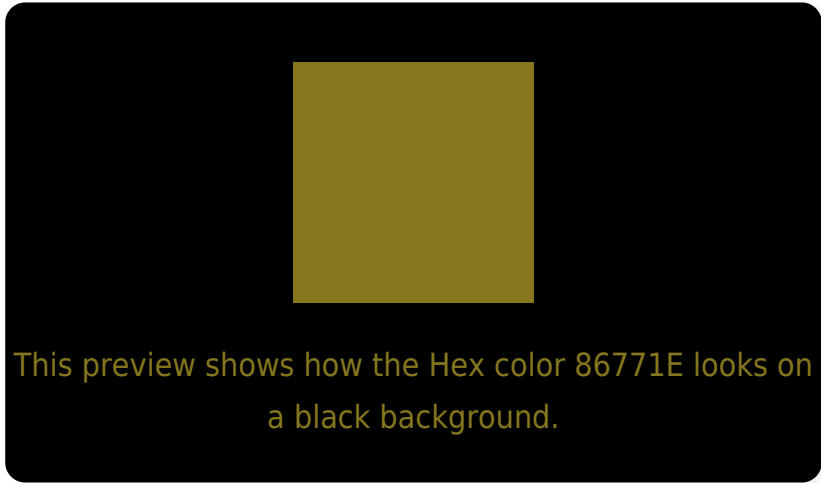
Large Text (above 18pt) WCAG AA ✓ Pass

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

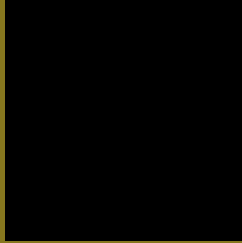
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 86771E Background



This preview shows how black text looks on a background with the Hex color 86771E.



This preview shows how white text looks on a background with the Hex color 86771E.

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
86771E

Protanopia
86771E

Deuteranopia
957121



Tritanopia
8D6F78

Trichromacy



Original Color
86771E

Protanomaly
86771E

Deuteranomaly
907320

Tritanomaly
8A7257

Monochromacy



Original Color
86771E

Achromatopsia
717171

Achromatomaly
797353

CSS Examples

Text

The CSS property to change the color of the text to Hex 86771E 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 #86771E looks like.

```
.text, #text, p{  
    color:#86771E  
}
```

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 #86771E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86771E
}
```

Border

The CSS property to change the border of an element to Hex 86771E 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
#86771E }
```

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

```
.border{ border-color:#86771E }
```

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

Here you see how a box with a 4 pixel #86771E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86771E; -webkit-box-shadow:4px 4px  
4px 4px #86771E; box-shadow:4px 4px 4px  
4px #86771E }
```

Background

The CSS property to change the background color of an element to Hex 86771E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86771E }
```

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

```
.background{ background-color:#86771E }
```

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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