

Converting Colors

Hex(86C77E)

Have a look what the booklet for
Hex(86C77E) contains.

Hex(86C77E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(86C77E)

Conversions

Conversions Part 1

Format	Color
Hex	86C77E
RGB	134, 199, 126
RGB Percent	53%, 78%, 49%
CMY	0.4745, 0.2196, 0.5059
CMYK	0.33, 0.00, 0.37, 0.22
HSL	113°, 39%, 64%
HSV	113°, 37%, 78%
XYZ	34.0208, 47.4215, 27.0988
YIQ	171.2430, -15.3070, -36.4830

Conversions

Conversions Part 2

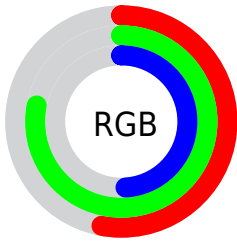
Format	Color
RYB	126, 199, 191
Decimal	8832894
CIELab	74.46, -34.90, 30.16
CIELCh	74, 46.125, 139.167
Yxy	47.4215, 0.3134, 0.4369
Android (android.graphics.Color)	4287022974 (0xFF86C77E)
YUV	171.2430, -22.3048, -32.6621
Hunter-Lab	68.8633, -32.3256, 24.8727

Details

The Hex color **86C77E** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BF7EC7**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **BDFFB3**, and **51914C** is the 20% darker color. If you saturate the color by 10%, you get **74C76A**, and if you desaturate by 10%, it is **98C792**.

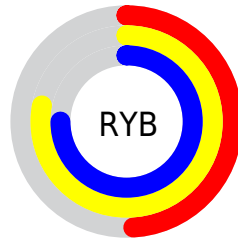
Distribution



Red (53%)

Green (78%)

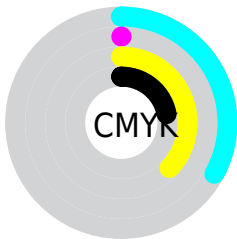
Blue (49%)



Red (49%)

Yellow (78%)

Blue (75%)

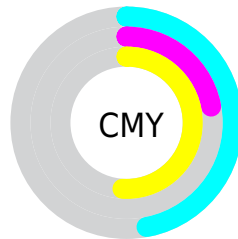


Cyan (33%)

Magenta (0%)

Yellow (37%)

Black (22%)



Cyan (47%)

Magenta (22%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86C77E 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 86C77E by changing the saturation by 10% instead.



86C77E



86C77E

FFFFFF



6BAB65



BDFFB3



51914C



DAFFCF



377734



F7FFEC



1B5D1D



004505



002E00



001800



000000



86C77E



86C77E

 74C76A

 98C792

 63C756

 A9C7A6

 51C742

 BBC7BA

 3FC72E

 CDC7CE

 2DC71B

 DFC7E2

 1CC707

 F0C7F5

 16C700

 FFC7FF

Harmonies

Analogous

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



B7BD65



86C77E



47CCA6

Triad

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



86C77E



51C0FF



FF969D

Complementary

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



86C77E



BF7EC7

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.



FF97C8



86C77E



A4B2FF

Square

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



86C77E



00C9F6



DDA2EF



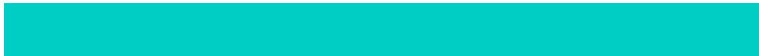
FCA079

Rectangle

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



86C77E



00CDC3



DDA2EF



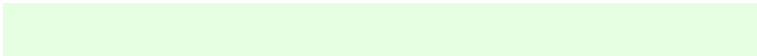
FF95AC

Sweetspot

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



86C77E



E6FFE3



C7BE7E



71806F



000000



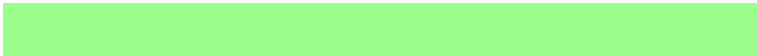
808080

Same Dimension

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



86C77E



9BFF8F



7EC79A



5B635A



12A300



042400

Inverse Universe

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



BF7EC7



F38FFF



C77EAB



625A63



9100A3



200024

Previews

White Background



This preview shows how the Hex color 86C77E looks on a white background.

Color Contrast Check

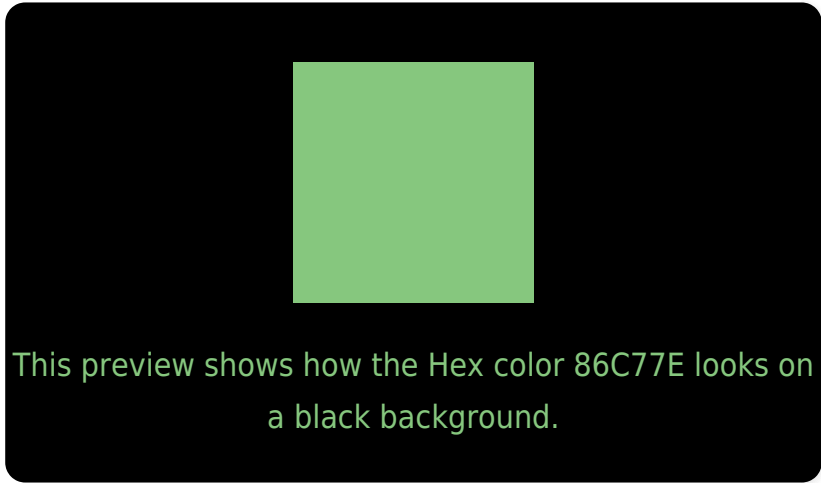
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

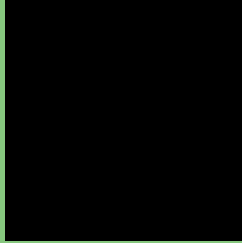
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 86C77E Background



This preview shows how black text looks on a background with the Hex color 86C77E.

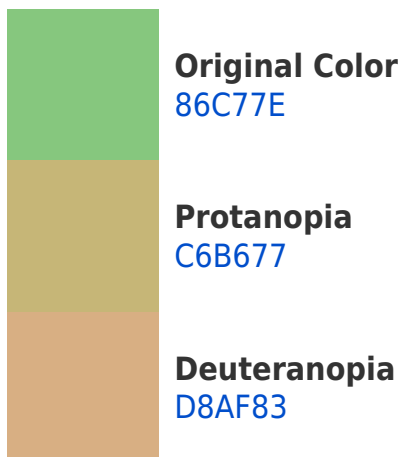


This preview shows how white text looks on a background with the Hex color 86C77E.

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



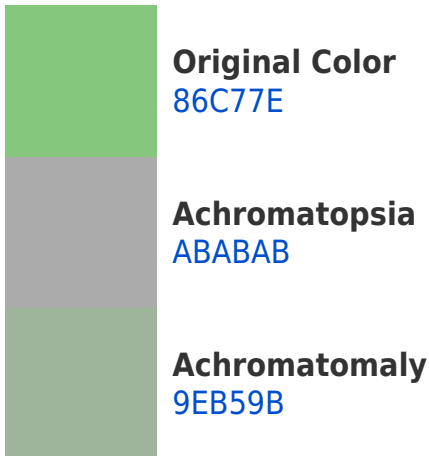


Tritanopia
94BDCD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86C77E 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 #86C77E looks like.

```
.text, #text, p{  
    color:#86C77E  
}
```

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 #86C77E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86C77E
}
```

Border

The CSS property to change the border of an element to Hex 86C77E 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
#86C77E }
```

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

```
.border{ border-color:#86C77E }
```

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

Here you see how a box with a 4 pixel #86C77E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86C77E; -webkit-box-shadow:4px 4px  
4px 4px #86C77E; box-shadow:4px 4px 4px  
4px #86C77E }
```

Background

The CSS property to change the background color of an element to Hex 86C77E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86C77E }
```

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

```
.background{ background-color:#86C77E }
```

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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