

Converting Colors

Hex(85BA6E)

Have a look what the booklet for
Hex(85BA6E) contains.

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Color

Hex(85BA6E)

Conversions

Conversions Part 1

Format	Color
Hex	85BA6E
RGB	133, 186, 110
RGB Percent	52%, 73%, 43%
CMY	0.4784, 0.2706, 0.5686
CMYK	0.28, 0.00, 0.41, 0.27
HSL	102°, 36%, 58%
HSV	102°, 41%, 73%
XYZ	30.0462, 41.2301, 21.1265
YIQ	161.4890, -7.1920, -34.8720

Conversions

Conversions Part 2

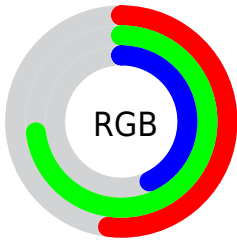
Format	Color
RYB	110, 186, 163
Decimal	8764014
CIELab	70.34, -31.53, 33.07
CIELCh	70, 45.696, 133.637
Yxy	41.2301, 0.3252, 0.4462
Android (android.graphics.Color)	4286954094 (0xFF85BA6E)
YUV	161.4890, -25.3841, -24.9849
Hunter-Lab	64.2107, -28.8429, 25.4400

Details

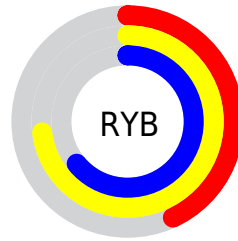
The Hex color **85BA6E** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **A36EBA**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **BCF2A3**, and **51843D** is the 20% darker color. If you saturate the color by 10%, you get **78BA5B**, and if you desaturate by 10%, it is **92BA81**.

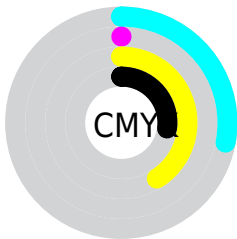
Distribution



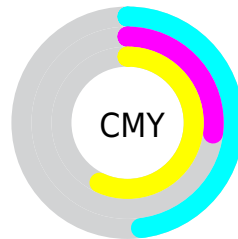
- Red (52%)
- Green (73%)
- Blue (43%)



- Red (43%)
- Yellow (73%)
- Blue (64%)



- Cyan (28%)
- Magenta (0%)
- Yellow (41%)
- Black (27%)



- Cyan (48%)
- Magenta (27%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85BA6E 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 85BA6E by changing the saturation by 10% instead.



85BA6E



85BA6E

FFFFFF



6B9F55



BCF2A3



51843D



D8FFBE



376B25



F5FFDA



1D520C



FFFFFF7



013B00



002500



000200



000000



85BA6E



85BA6E

 78BA5B

 92BA81

 6BBA49

 9FBA93

 5EBA36

 ACBAA6

 51BA24

 B9BAB8

 44BA11

 C6BACB

 38BA00

 D3BADE

 E0BAF0

 EDBAFF

 FABAFF

Harmonies

Analogous

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



B3B059



85BA6E



49C093

Triad

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



85BA6E



2AB7FB



FB8A9A

Complementary

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



85BA6E



A36EBA

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.



EE8DC4



85BA6E



8BAAFD

Square

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



85BA6E



00BFE4



C89AE8



F39375

Rectangle

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



85BA6E



00C2B0



C89AE8



F98AA8

Sweetspot

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



85BA6E



DEF2D5



BAA26E



6E7A69



FAFAFA



7A7A7A

Same Dimension

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



85BA6E



9FF27C



6EBA7C



555C53



2F9C00



081C00

Inverse Universe

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



A36EBA



CE7CF2



BA6EAC



59535C



6C009C



14001C

Previews

White Background



This preview shows how the Hex color 85BA6E looks on a white background.

Color Contrast Check

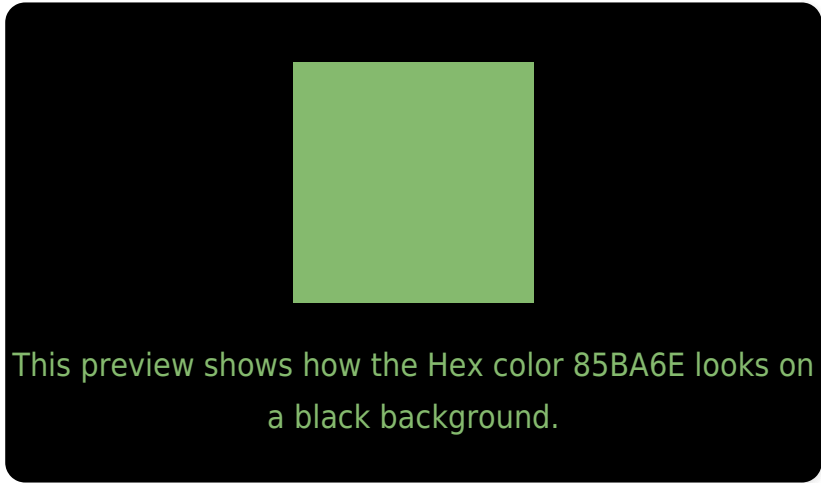
Large Text (above 18pt) WCAG AA × Fail

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 85BA6E Background



This preview shows how black text looks on a background with the Hex color 85BA6E.

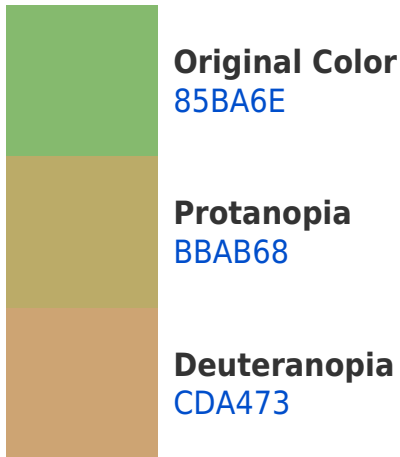


This preview shows how white text looks on a background with the Hex color 85BA6E.

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](#).

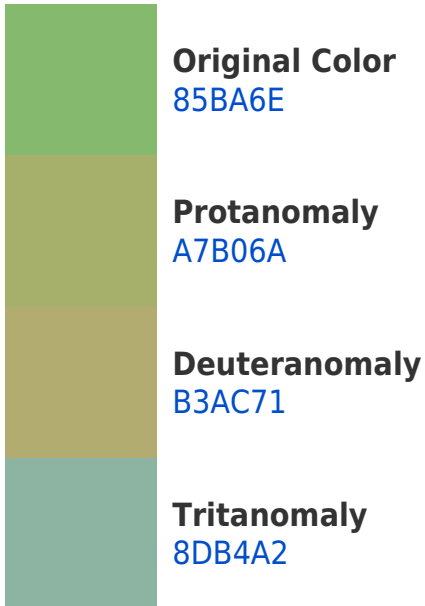
Dichromacy



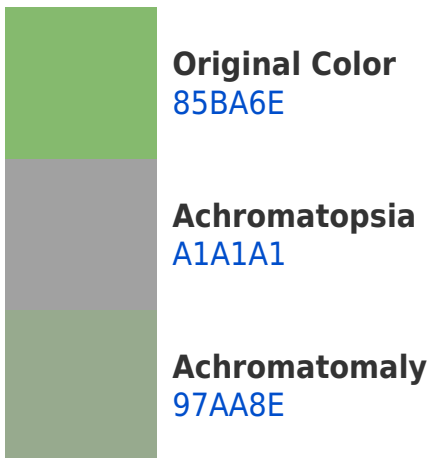


Tritanopia
92B0BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85BA6E 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 #85BA6E looks like.

```
.text, #text, p{  
    color:#85BA6E  
}
```

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 #85BA6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85BA6E
}
```

Border

The CSS property to change the border of an element to Hex 85BA6E 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
#85BA6E }
```

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

```
.border{ border-color:#85BA6E }
```

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

Here you see how a box with a 4 pixel #85BA6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85BA6E; -webkit-box-shadow:4px 4px  
4px 4px #85BA6E; box-shadow:4px 4px 4px  
4px #85BA6E }
```

Background

The CSS property to change the background color of an element to Hex 85BA6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85BA6E }
```

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

```
.background{ background-color:#85BA6E }
```

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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