

Converting Colors

Hex(85BA6A)

Have a look what the booklet for
Hex(85BA6A) contains.

Hex(85BA6A)	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(85BA6A)

Conversions

Conversions Part 1

Format	Color
Hex	85BA6A
RGB	133, 186, 106
RGB Percent	52%, 73%, 42%
CMY	0.4784, 0.2706, 0.5843
CMYK	0.28, 0.00, 0.43, 0.27
HSL	100°, 37%, 57%
HSV	100°, 43%, 73%
XYZ	29.8333, 41.1450, 20.0051
YIQ	161.0330, -5.9080, -36.1160

Conversions

Conversions Part 2

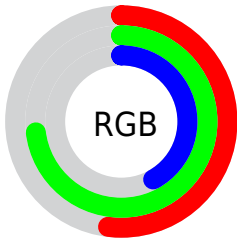
Format	Color
RYB	106, 186, 159
Decimal	8764010
CIELab	70.28, -32.08, 35.06
CIELCh	70, 47.521, 132.467
Yxy	41.1450, 0.3279, 0.4522
Android (android.graphics.Color)	4286954090 (0xFF85BA6A)
YUV	161.0330, -27.1313, -24.5849
Hunter-Lab	64.1443, -29.2329, 26.4099

Details

The Hex color **85BA6A** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **9F6ABA**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **BCF29E**, and **518439** is the 20% darker color. If you saturate the color by 10%, you get **79BA57**, and if you desaturate by 10%, it is **91BA7D**.

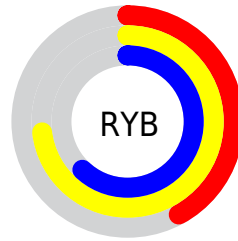
Distribution



Red (52%)

Green (73%)

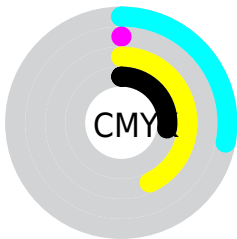
Blue (42%)



Red (42%)

Yellow (73%)

Blue (62%)

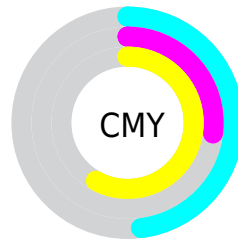


Cyan (28%)

Magenta (0%)

Yellow (43%)

Black (27%)



Cyan (48%)

Magenta (27%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85BA6A 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 85BA6A by changing the saturation by 10% instead.



85BA6A



85BA6A

FFFFFF



6B9F51



BCF29E



518439



D8FFBA



376B21



F5FFD6



1C5206



FFFFF2



013B00



002500



000200



000000



85BA6A



85BA6A

 79BA57

 91BA7D

 6CBA45

 9EBA8F

 60BA32

 AABAA2

 54BA20

 B6BAB4

 47BA0D

 C3BAC7

 3FBA00

 CFBADA

 DBBAEC

 E8BAFF

 F4BAFF

Harmonies

Analogous

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



B5AF55



85BA6A



46C090

Triad

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



85BA6A



00B7FE



FE889B

Complementary

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



85BA6A



9F6ABA

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.



EF8CC7



85BA6A



86AAFF

Square

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



85BA6A



00BF E5



C79AEC



F69174

Rectangle

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



85BA6A



00C2AE



C79AEC



FC88AA

Sweetspot

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



85BA6A



DDF2D3



BA9E6A



6D7A67



FAFAFA



7A7A7A

Same Dimension

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



85BA6A



9FF274



6ABA76



565C53



349C00



091C00

Inverse Universe

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



9F6ABA



C874F2



BA6AAE



59535C



67009C



13001C

Previews

White Background



This preview shows how the Hex color 85BA6A looks on a white background.

Color Contrast Check

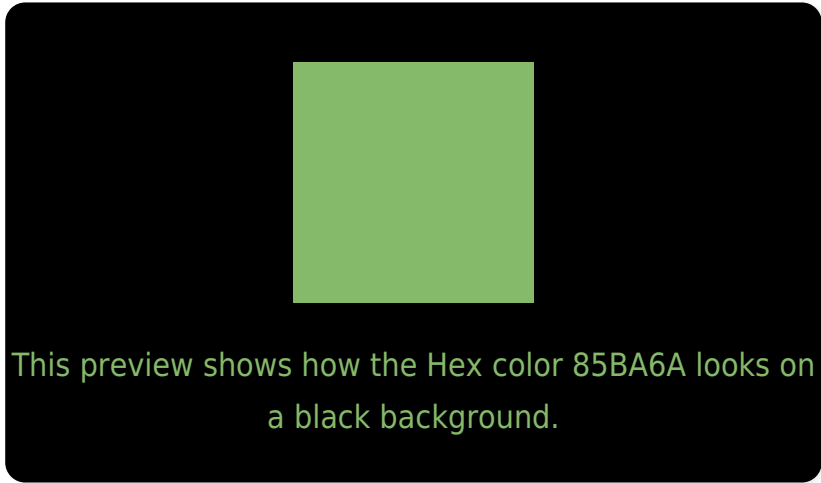
Large Text (above 18pt) WCAG AA × Fail

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 85BA6A Background



This preview shows how black text looks on a background with the Hex color 85BA6A.

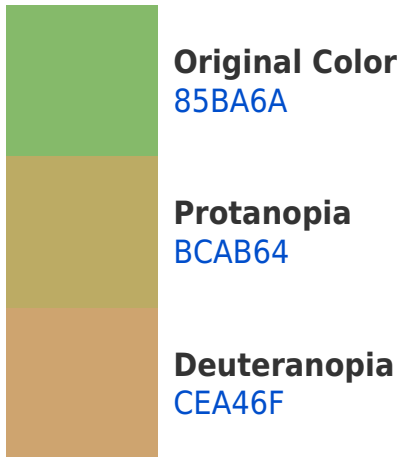


This preview shows how white text looks on a background with the Hex color 85BA6A.

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](#).

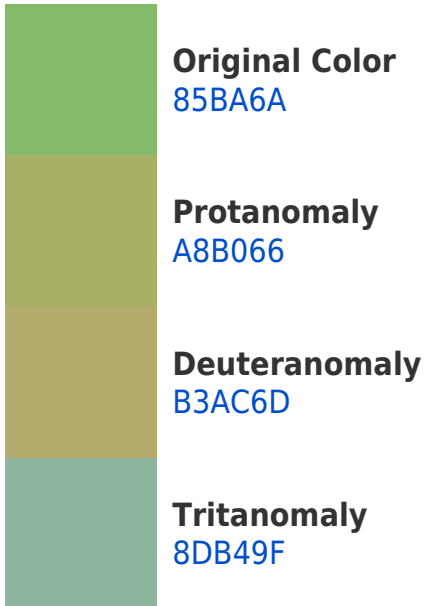
Dichromacy



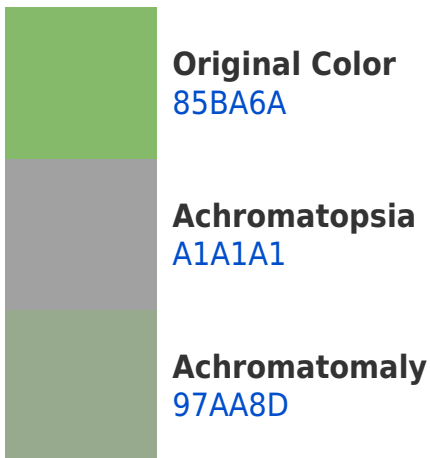


Tritanopia
92B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85BA6A 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 #85BA6A looks like.

```
.text, #text, p{  
    color:#85BA6A  
}
```

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 #85BA6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85BA6A
}
```

Border

The CSS property to change the border of an element to Hex 85BA6A 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
#85BA6A }
```

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

```
.border{ border-color:#85BA6A }
```

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

Here you see how a box with a 4 pixel #85BA6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85BA6A; -webkit-box-shadow:4px 4px  
4px 4px #85BA6A; box-shadow:4px 4px 4px  
4px #85BA6A }
```

Background

The CSS property to change the background color of an element to Hex 85BA6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85BA6A }
```

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

```
.background{ background-color:#85BA6A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor