

# Converting Colors

Hex(85B36C)

Have a look what the booklet for  
Hex(85B36C) contains.

|  |    |
|--|----|
| <b>Hex(85B36C)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Hex(85B36C)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 85B36C                      |
| RGB         | 133, 179, 108               |
| RGB Percent | 52%, 70%, 42%               |
| CMY         | 0.4784, 0.2980, 0.5765      |
| CMYK        | 0.26, 0.00, 0.40, 0.30      |
| HSL         | 99°, 32%, 56%               |
| HSV         | 99°, 40%, 70%               |
| XYZ         | 28.4997, 38.3095, 20.0797   |
| YIQ         | 157.1520, -4.6250, -31.8330 |

# Conversions

## Conversions Part 2

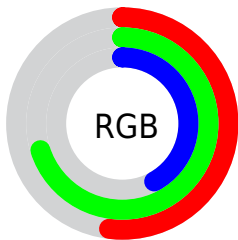
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">108, 179, 154</a>                    |
| Decimal                             | <a href="#">8762220</a>                          |
| CIELab                              | <a href="#">68.25, -28.48, 31.42</a>             |
| CIElCh                              | <a href="#">68, 42.402, 132.193</a>              |
| Yxy                                 | <a href="#">38.3095, 0.3280,<br/>0.4409</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4286952300<br/>(0xFF85B36C)</a>      |
| YUV                                 | <a href="#">157.1520, -24.2319,<br/>-21.1813</a> |
| Hunter-Lab                          | <a href="#">61.8946, -26.1243,<br/>24.0915</a>   |

# Details

The Hex color **85B36C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9A6CB3**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **BBEBA0**, and **517E3B** is the 20% darker color. If you saturate the color by 10%, you get **79B35A**, and if you desaturate by 10%, it is **91B37E**.

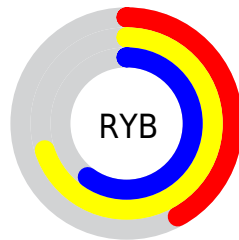
# Distribution



Red (52%)

Green (70%)

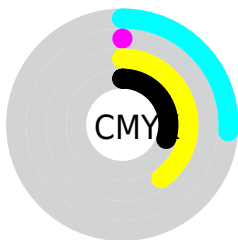
Blue (42%)



Red (42%)

Yellow (70%)

Blue (60%)

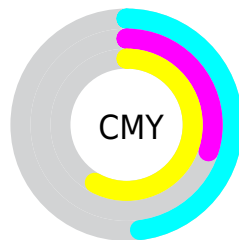


Cyan (26%)

Magenta (0%)

Yellow (40%)

Black (30%)



Cyan (48%)

Magenta (30%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85B36C 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 85B36C by changing the saturation by 10% instead.





85B36C



85B36C

FFFFFF



6B9853



BBEBA0



517E3B



D8FFBC



386524



F5FFD8



1F4C0B



FFFFF4



073500



002100



000000



85B36C



85B36C



79B35A



91B37E

 6EB348

 9CB390

 62B336

 A8B3A2

 57B324

 B3B3B4

 4BB312

 BFB3C5

 3FB301

 CBB3D7

 3FB300

 D6B3E9

 E2B3FB

 EDB3FF

# Harmonies

## Analogous

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



AFA95A



85B36C



51B98E

# Triad

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



85B36C



35B1EF



F08898

# Complementary

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



85B36C



9A6CB3

# 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.



E28BBF



85B36C



86A5F1

# Square

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



85B36C



00B8D9



BE97DF



E98F75

# Rectangle

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



85B36C



18BAA8



BE97DF



EE87A5



# Sweetspot

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



85B36C



D6E8CC



B3996C



6B7565



F5F5F5



757575



# Same Dimension

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



85B36C



A0E879



6CB375



535950



369900



091A00



# Inverse Universe

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



9A6CB3



C179E8



B36CAA



565059



630099



11001A



# Previews

## White Background



This preview shows how the Hex color 85B36C looks on a white background.

## Color Contrast Check

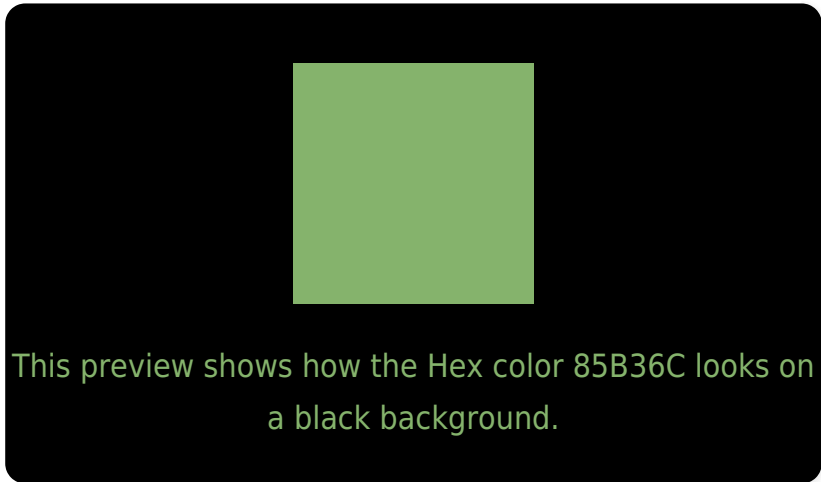
Large Text (above 18pt) WCAG AA × Fail

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 85B36C Background



This preview shows how black text looks on a background with the Hex color 85B36C.



This preview shows how white text looks on a background with the Hex color 85B36C.

# 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](#).

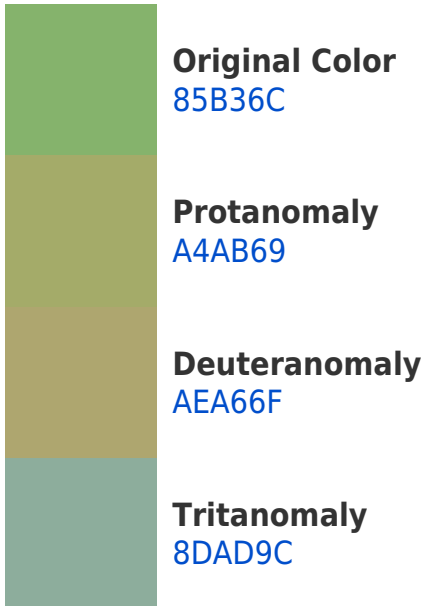
## Dichromacy





**Tritanopia**  
91AAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85B36C 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 #85B36C looks like.

```
.text, #text, p{  
    color:#85B36C  
}
```

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 #85B36C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85B36C
}
```

## Border

The CSS property to change the border of an element to Hex 85B36C 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
#85B36C }
```

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

```
.border{ border-color:#85B36C }
```

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

Here you see how a box with a 4 pixel #85B36C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85B36C; -webkit-box-shadow:4px 4px  
4px 4px #85B36C; box-shadow:4px 4px 4px  
4px #85B36C }
```

# Background

The CSS property to change the background color of an element to Hex 85B36C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85B36C }
```

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

```
.background{ background-color:#85B36C }
```

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