

# Converting Colors

Hex(85BB65)

Have a look what the booklet for  
Hex(85BB65) contains.

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**Color**

**Hex(85BB65)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	85BB65
RGB	133, 187, 101
RGB Percent	52%, 73%, 40%
CMY	0.4784, 0.2667, 0.6039
CMYK	0.29, 0.00, 0.46, 0.27
HSL	98°, 39%, 56%
HSV	98°, 46%, 73%
XYZ	29.7922, 41.4668, 18.7456
YIQ	161.0500, -4.5780, -38.1940

# Conversions

## Conversions Part 2

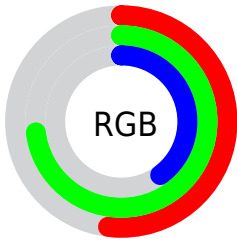
Format	Color
<a href="#">RYB</a>	<a href="#">101, 187, 155</a>
Decimal	<a href="#">8764261</a>
CIELab	<a href="#">70.50, -33.21, 37.88</a>
CIElCh	<a href="#">71, 50.375, 131.240</a>
Yxy	<a href="#">41.4668, 0.3310, 0.4607</a>
Android (android.graphics.Color)	<a href="#">4286954341 (0xFF85BB65)</a>
YUV	<a href="#">161.0500, -29.6047, -24.5999</a>
Hunter-Lab	<a href="#">64.3947, -30.1079, 27.8167</a>

# Details

The Hex color **85BB65** is a dark color, and the websafe version is hex **99CC66**, and the color name is **dollar bill**. A complement of this color would be **9B65BB**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **BCF399**, and **508533** is the 20% darker color. If you saturate the color by 10%, you get **79BB52**, and if you desaturate by 10%, it is **91BB78**.

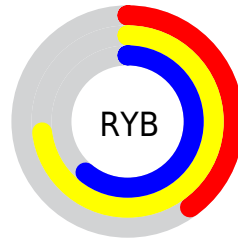
# Distribution



Red (52%)

Green (73%)

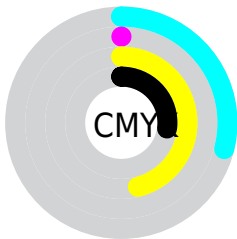
Blue (40%)



Red (40%)

Yellow (73%)

Blue (61%)

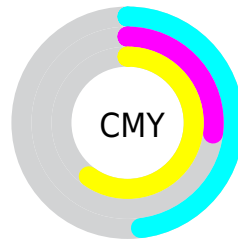


Cyan (29%)

Magenta (0%)

Yellow (46%)

Black (27%)



Cyan (48%)

Magenta (27%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85BB65 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 85BB65 by changing the saturation by 10% instead.



 85BB65

 85BB65

FFFFFF

 6AA04C

 BCF399

 508533

 D8FFB5

 366C1B

 F6FFD1

 1B5300

 FFFFED

 003B00

 002600

 000300

 000000

 85BB65

 85BB65

 79BB52

 91BB78

 6EBB40

 9CBB8A

 62BB2D

 A8BB9D

 56BB1A

 B4BBB0

 4ABB07

 C0BBC3

 46BB00

 CBBBD5

 D7BBE8

 E3BBFB

 EFBBFF

# Harmonies

## Analogous

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



B7AF4F



85BB65



3FC28D

# Triad

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



85BB65



00B9FF



FF869D

# Complementary

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



85BB65



9B65BB

# 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.



F28ACB



85BB65



7FABFF

# Square

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



85BB65



00C1E8



C79AF2



FB8F72

# Rectangle

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



85BB65



00C4AD



C79AF2



FF86AC

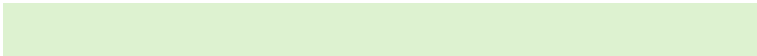


# Sweetspot

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



85BB65



DDF2D0



BB9A65



6D7A66



FAFAFA



7A7A7A



# Same Dimension

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



85BB65



9FF26D



65BB6F



585E55



3B9E00



0B1F00



# Inverse Universe

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



9B65BB



C16DF2



BB65B1



5B555E



63009E



13001F



# Previews

## White Background



This preview shows how the Hex color 85BB65 looks on a white background.

## Color Contrast Check

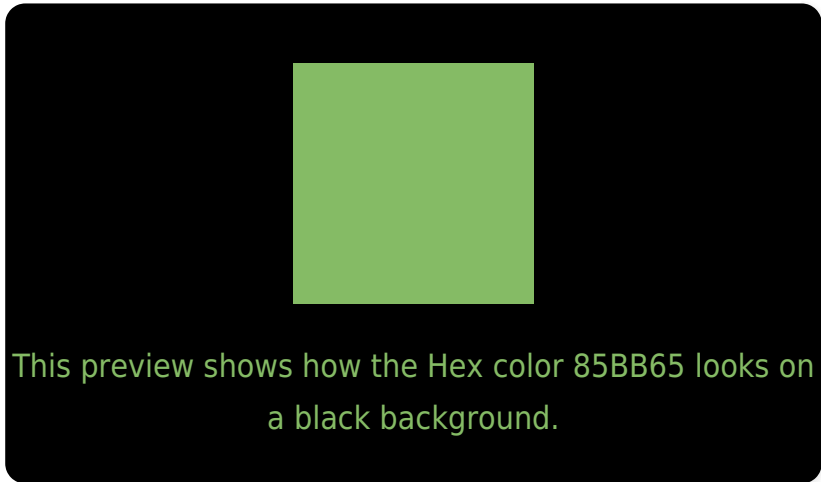
Large Text (above 18pt) WCAG AA × Fail

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 85BB65 Background



This preview shows how black text looks on a background with the Hex color 85BB65.

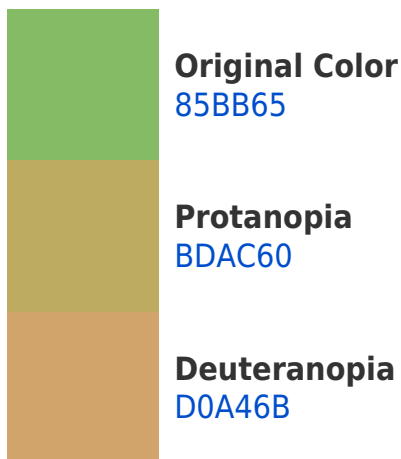


This preview shows how white text looks on a background with the Hex color 85BB65.

# 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](#).

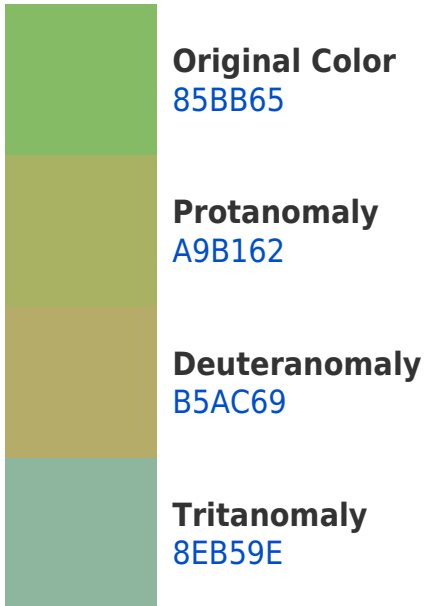
## Dichromacy



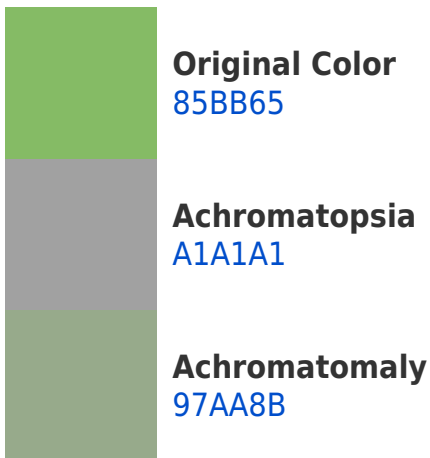


**Tritanopia**  
93B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85BB65 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 #85BB65 looks like.

```
.text, #text, p{  
    color:#85BB65  
}
```

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 #85BB65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85BB65
}
```

## Border

The CSS property to change the border of an element to Hex 85BB65 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
#85BB65 }
```

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

```
.border{ border-color:#85BB65 }
```

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

Here you see how a box with a 4 pixel #85BB65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85BB65; -webkit-box-shadow:4px 4px  
4px 4px #85BB65; box-shadow:4px 4px 4px  
4px #85BB65 }
```

# Background

The CSS property to change the background color of an element to Hex 85BB65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85BB65 }
```

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

```
.background{ background-color:#85BB65 }
```

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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