

# Converting Colors

Hex(85B062)

Have a look what the booklet for  
Hex(85B062) contains.

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**Color**

**Hex(85B062)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85B062
RGB	133, 176, 98
RGB Percent	52%, 69%, 38%
CMY	0.4784, 0.3098, 0.6157
CMYK	0.24, 0.00, 0.44, 0.31
HSL	93°, 33%, 54%
HSV	93°, 44%, 69%
XYZ	27.4028, 36.9191, 17.2371
YIQ	154.2510, -0.5900, -33.3740

# Conversions

## Conversions Part 2

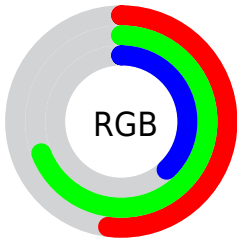
Format	Color
<a href="#">RYB</a>	<a href="#">98, 176, 141</a>
Decimal	<a href="#">8761442</a>
CIELab	<a href="#">67.22, -28.38, 35.28</a>
CIELCh	<a href="#">67, 45.281, 128.811</a>
Yxy	<a href="#">36.9191, 0.3360, 0.4527</a>
Android (android.graphics.Color)	<a href="#">4286951522 (0xFF85B062)</a>
YUV	<a href="#">154.2510, -27.7317, -18.6371</a>
Hunter-Lab	<a href="#">60.7611, -25.8296, 25.7130</a>

# Details

The Hex color **85B062** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8D62B0**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **BCE896**, and **517B31** is the 20% darker color. If you saturate the color by 10%, you get **7BB050**, and if you desaturate by 10%, it is **8FB074**.

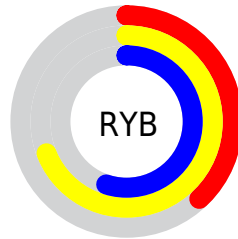
# Distribution



Red (52%)

Green (69%)

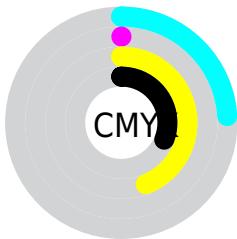
Blue (38%)



Red (38%)

Yellow (69%)

Blue (55%)

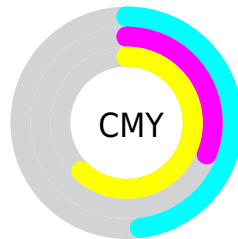


Cyan (24%)

Magenta (0%)

Yellow (44%)

Black (31%)



Cyan (48%)

Magenta (31%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85B062 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 85B062 by changing the saturation by 10% instead.



 85B062

 85B062

FFFFFF

 6B9549

 BCE896

 517B31

 D8FFB1

 386219

 F5FFCD

 1F4A00

 FFFFE9

 043300

 002000

 000000

 85B062

 85B062

 7BB050

 8FB074

 72B03F

 98B085

 68B02D

 A2B097

 5EB01C

 ACB0A8

 54B00A

 B6B0BA

 4FB000

 BFB0CC

 C9B0DD

 D3B0EF

 DCB0FF

# Harmonies

## Analogous

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



B1A551



85B062



4DB685

# Triad

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



85B062



00B0EF



F18299

# Complementary

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



85B062



8D62B0

# 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.



E087C2



85B062



77A4F4

# Square

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



85B062



00B7D6



B794E3



EC8973

# Rectangle

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



85B062



00B8A1



B794E3



EE82A7



# Sweetspot

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



85B062



D5E6C8



B08D62



697360



F2F2F2



737373



# Same Dimension

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



85B062



A2E66C



62B066



545950



459900



0B1A00



# Inverse Universe

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



8D62B0



AF6CE6



B062AC



555059



540099



0E001A



# Previews

## White Background



This preview shows how the Hex color 85B062 looks on a white background.

## Color Contrast Check

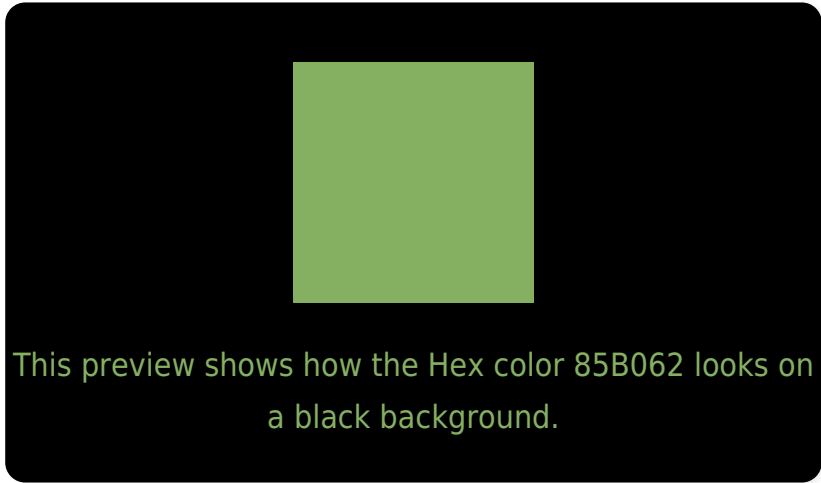
Large Text (above 18pt) WCAG AA × Fail

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

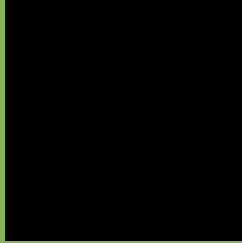
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 85B062 Background



This preview shows how black text looks on a background with the Hex color 85B062.



This preview shows how white text looks on a background with the Hex color 85B062.

# 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](#).

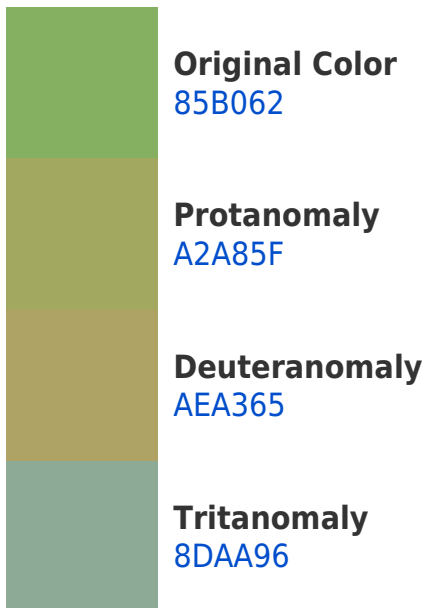
## Dichromacy



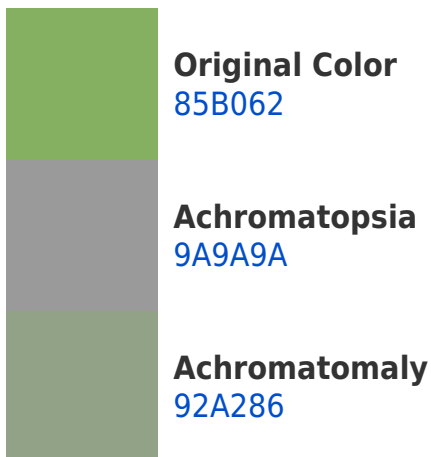


**Tritanopia**  
91A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85B062 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 #85B062 looks like.

```
.text, #text, p{  
    color:#85B062  
}
```

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 #85B062 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85B062
}
```

## Border

The CSS property to change the border of an element to Hex 85B062 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
#85B062 }
```

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

```
.border{ border-color:#85B062 }
```

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

Here you see how a box with a 4 pixel #85B062 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85B062; -webkit-box-shadow:4px 4px  
4px 4px #85B062; box-shadow:4px 4px 4px  
4px #85B062 }
```

# Background

The CSS property to change the background color of an element to Hex 85B062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85B062 }
```

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

```
.background{ background-color:#85B062 }
```

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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