

# Converting Colors

Hex(85AB85)

Have a look what the booklet for  
Hex(85AB85) contains.

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# **Color**

**Hex(85AB85)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85AB85
RGB	133, 171, 133
RGB Percent	52%, 67%, 52%
CMY	0.4784, 0.3294, 0.4784
CMYK	0.22, 0.00, 0.22, 0.33
HSL	120°, 18%, 60%
HSV	120°, 22%, 67%
XYZ	28.4694, 35.8058, 27.6010
YIQ	155.3060, -10.4500, -19.8740

# Conversions

## Conversions Part 2

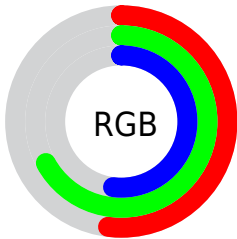
Format	Color
<b>RYB</b>	133, 171, 171
Decimal	8760197
CIELab	66.37, -20.51, 15.44
CIELCh	66, 25.672, 143.018
Yxy	35.8058, 0.3099, 0.3897
Android (android.graphics.Color)	4286950277 (0xFF85AB85)
YUV	155.3060, -10.9969, -19.5624
Hunter-Lab	59.8380, -19.7906, 14.5383

# Details

The Hex color **85AB85** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AB85AB**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **BBE2BA**, and **527753** is the 20% darker color. If you saturate the color by 10%, you get **74AB74**, and if you desaturate by 10%, it is **96AB96**.

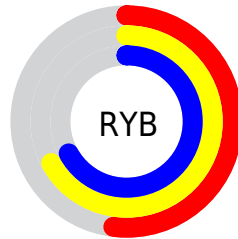
# Distribution



Red (52%)

Green (67%)

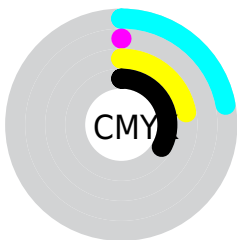
Blue (52%)



Red (52%)

Yellow (67%)

Blue (67%)

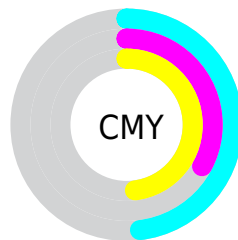


Cyan (22%)

Magenta (0%)

Yellow (22%)

Black (33%)



Cyan (48%)

Magenta (33%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85AB85 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 85AB85 by changing the saturation by 10% instead.





85AB85



85AB85

FFFFFF



6B906C



BBE2BA



527753



D7FFD6



3B5E3C



F3FFF2



234626



0C2F11



001C00



000000



85AB85



85AB85



74AB74



96AB96

 63AB63

 A7ABA7

 52AB52

 B8ABB8

 41AB41

 C9ABC9

 30AB30

 DAABDA

 1EAB1E

 ECABEC

 0DAB0D

 FDABFD

 00AB00

 FFABFF

# Harmonies

## Analogous

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



9FA577



85AB85



6CAE9B

# Triad

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



85AB85



7DA5CF



D09190

# Complementary

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



85AB85



AB85AB

# 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.



CB91A8



85AB85



9E9DCC

# Square

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



85AB85



62ABC5



BA96BD



C9967D

# Rectangle

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



85AB85



60AEAB



BA96BD



D09198

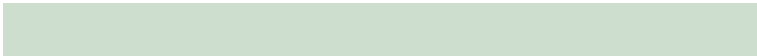


# Sweetspot

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



85AB85



CEDECE



ABAB85



677067



F0F0F0



707070



# Same Dimension

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



85AB85



A2DEA2



85AB98



4E574E



009600



001700



# Inverse Universe

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



AB85AB



DEA2DE



AB8598



574E57



960096



170017



# Previews

## White Background



This preview shows how the Hex color 85AB85 looks on a white background.

## Color Contrast Check

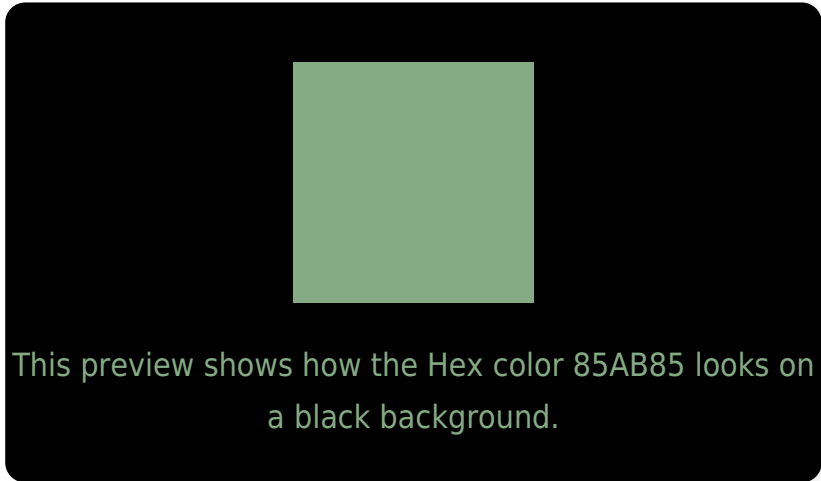
Large Text (above 18pt) WCAG AA × Fail

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

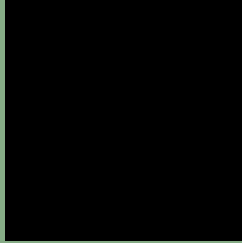
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 85AB85 Background



This preview shows how black text looks on a background with the Hex color 85AB85.

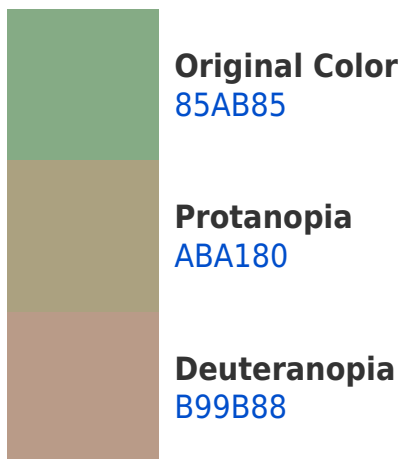


This preview shows how white text looks on a background with the Hex color 85AB85.

# 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](#).

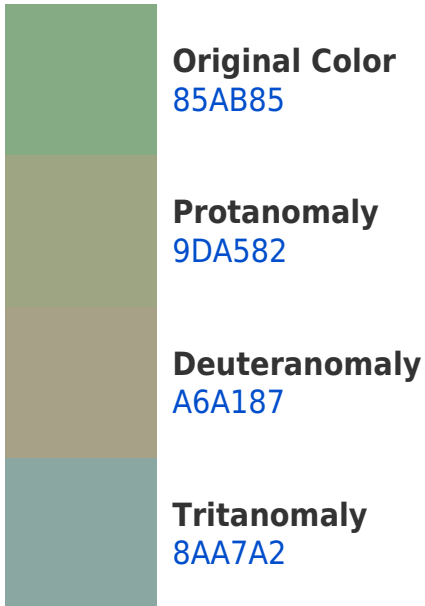
## Dichromacy



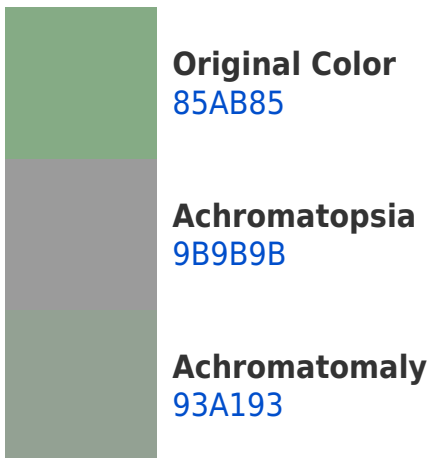


**Tritanopia**  
8DA5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85AB85 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 #85AB85 looks like.

```
.text, #text, p{  
    color:#85AB85  
}
```

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 #85AB85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85AB85
}
```

## Border

The CSS property to change the border of an element to Hex 85AB85 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
#85AB85 }
```

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

```
.border{ border-color:#85AB85 }
```

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

Here you see how a box with a 4 pixel #85AB85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85AB85; -webkit-box-shadow:4px 4px  
4px 4px #85AB85; box-shadow:4px 4px 4px  
4px #85AB85 }
```

# Background

The CSS property to change the background color of an element to Hex 85AB85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85AB85 }
```

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

```
.background{ background-color:#85AB85 }
```

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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