

# Converting Colors

Hex(86A585)

Have a look what the booklet for  
Hex(86A585) contains.

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# **Color**

**Hex(86A585)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86A585
RGB	134, 165, 133
RGB Percent	53%, 65%, 52%
CMY	0.4745, 0.3529, 0.4784
CMYK	0.19, 0.00, 0.19, 0.35
HSL	118°, 15%, 58%
HSV	118°, 19%, 65%
XYZ	27.5203, 33.6721, 27.2392
YIQ	152.0830, -8.2040, -16.5240

# Conversions

## Conversions Part 2

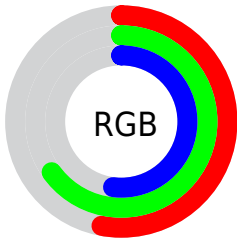
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 165, 164
Decimal	8824197
CIELab	64.70, -17.07, 13.12
CIElCh	65, 21.529, 142.453
Yxy	33.6721, 0.3112, 0.3808
Android (android.graphics.Color)	4287014277 (0xFF86A585)
YUV	152.0830, -9.4079, -15.8588
Hunter-Lab	58.0276, -16.8926, 12.7876

# Details

The Hex color **86A585** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A485A5**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **BCDCBA**, and **547153** is the 20% darker color. If you saturate the color by 10%, you get **76A574**, and if you desaturate by 10%, it is **96A595**.

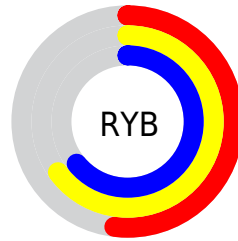
# Distribution



Red (53%)

Green (65%)

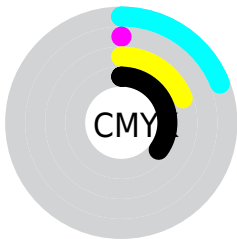
Blue (52%)



Red (52%)

Yellow (65%)

Blue (64%)

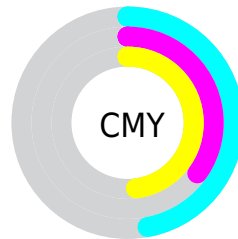


Cyan (19%)

Magenta (0%)

Yellow (19%)

Black (35%)



Cyan (47%)

Magenta (35%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86A585 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 86A585 by changing the saturation by 10% instead.





86A585



86A585

FFFFFF



6C8B6C



BCDCBA



547153



D7F9D6



3C583C



F4FFF2



254126



0F2B12



001800



000000



86A585



86A585



76A574



96A595

 66A564

 A6A5A6

 56A554

 B6A5B6

 46A543

 C6A5C7

 36A533

 D6A5D8

 26A522

 E6A5E8

 16A512

 F6A5F8

 06A501

 FFA5FF

 05A500

# Harmonies

## Analogous

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



9CA079



86A585



72A897

# Triad

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



86A585



7FA0C3



C5908F

# Complementary

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



86A585



A485A5

# 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.



C090A3



86A585



9A9AC0

# Square

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



86A585



6BA5BB



B193B5



BE947F

# Rectangle

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



86A585



69A8A4



B193B5



C48F95



# Sweetspot

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



86A585



CAD6C9



A5A485



646B64



EBEBEB



6B6B6B



# Same Dimension

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



86A585



A6D6A5



85A594



4A5249



059100



011200



# Inverse Universe

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



A485A5



D5A5D6



A58596



514952



8D0091



110012



# Previews

## White Background



This preview shows how the Hex color 86A585 looks on a white background.

## Color Contrast Check

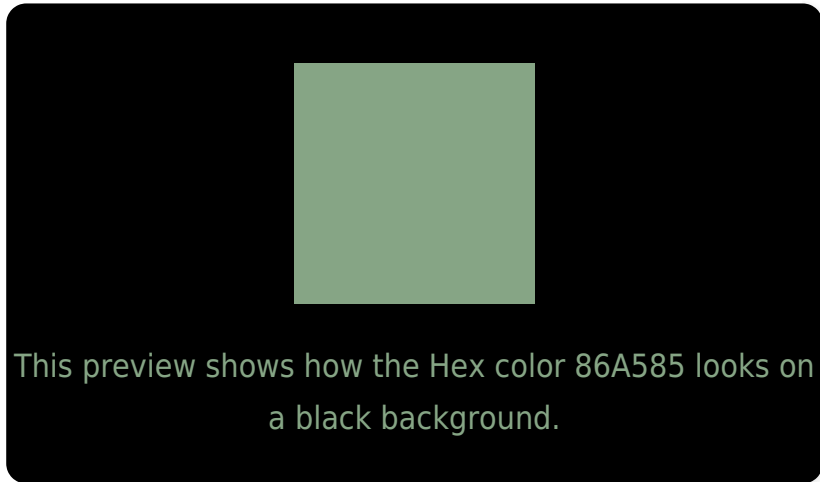
Large Text (above 18pt) WCAG AA × Fail

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

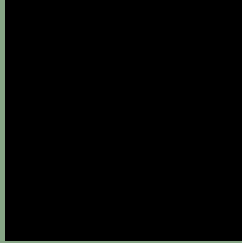
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 86A585 Background



This preview shows how black text looks on a background with the Hex color 86A585.

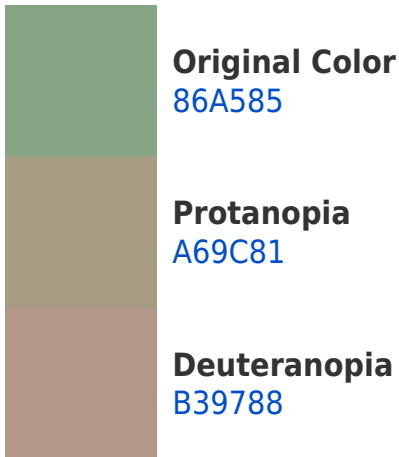


This preview shows how white text looks on a background with the Hex color 86A585.

# 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](#).

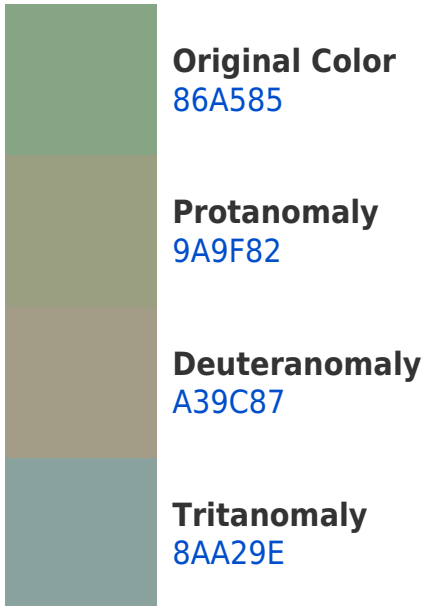
## Dichromacy



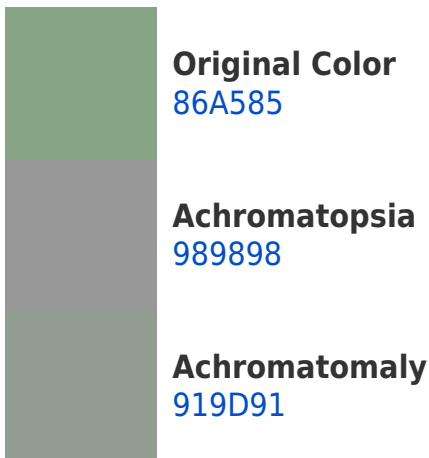


**Tritanopia**  
8DA0AC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86A585 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 #86A585 looks like.

```
.text, #text, p{  
    color:#86A585  
}
```

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 #86A585 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A585  
}
```

## Border

The CSS property to change the border of an element to Hex 86A585 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  
#86A585 }
```

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

```
.border{ border-color:#86A585 }
```

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

Here you see how a box with a 4 pixel #86A585 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A585; -webkit-box-shadow:4px 4px  
4px 4px #86A585; box-shadow:4px 4px 4px  
4px #86A585 }
```

# Background

The CSS property to change the background color of an element to Hex 86A585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A585 }
```

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

```
.background{ background-color:#86A585 }
```

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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