

Converting Colors

Hex(84BF85)

Have a look what the booklet for
Hex(84BF85) contains.

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Color

Hex(84BF85)

Conversions

Conversions Part 1

Format	Color
Hex	84BF85
RGB	132, 191, 133
RGB Percent	52%, 75%, 52%
CMY	0.4824, 0.2510, 0.4784
CMYK	0.31, 0.00, 0.30, 0.25
HSL	121°, 32%, 63%
HSV	121°, 31%, 75%
XYZ	32.3802, 43.8606, 28.9496
YIQ	166.7470, -16.5460, -30.5460

Conversions

Conversions Part 2

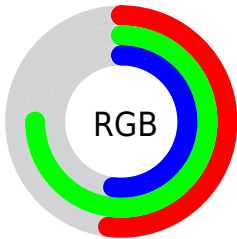
Format	Color
RYB	132, 190, 191
Decimal	8699781
CIELab	72.14, -30.69, 23.35
CIELCh	72, 38.561, 142.728
Yxy	43.8606, 0.3078, 0.4170
Android (android.graphics.Color)	4286889861 (0xFF84BF85)
YUV	166.7470, -16.6373, -30.4731
Hunter-Lab	66.2273, -28.6248, 20.4420

Details

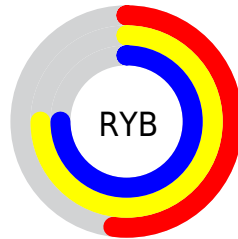
The Hex color **84BF85** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BF84BE**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **BBF8BA**, and **508953** is the 20% darker color. If you saturate the color by 10%, you get **71BF72**, and if you desaturate by 10%, it is **97BF98**.

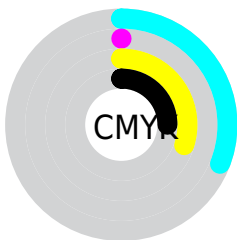
Distribution



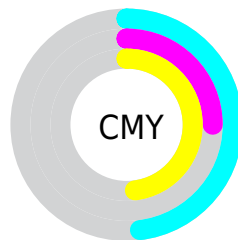
- Red (52%)
- Green (75%)
- Blue (52%)



- Red (52%)
- Yellow (75%)
- Blue (75%)



- Cyan (31%)
- Magenta (0%)
- Yellow (30%)
- Black (25%)



- Cyan (48%)
- Magenta (25%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84BF85 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 84BF85 by changing the saturation by 10% instead.



84BF85



84BF85

FFFFFF



6AA46C



BBF8BA



508953



D7FFD6



376F3B



F4FFF3



1C5725



003F0F



002800



000E00



000000



84BF85



84BF85

 71BF72

 97BF98

 5EBF5F

 AABFAB

 4BBF4D

 BDBFBD

 38BF3A

 D0BFD0

 25BF27

 E4BFE3

 11BF14

 F7BFF6

 00BF03

 FFBFFF

Harmonies

Analogous

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



ADB76F



84BF85



56C3A7

Triad

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



84BF85



6FB7F6



F69797

Complementary

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



84BF85



BF84BE

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.



EF96BB



84BF85



A9ABF2

Square

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



84BF85



30BFE8



D59EDC



EAA07A

Rectangle

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



84BF85



33C4BF



D59EDC



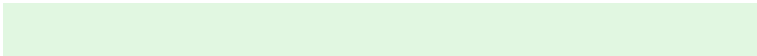
F696A3

Sweetspot

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



84BF85



E1F7E1



BEBF84



6F7D6F



FCFCFC



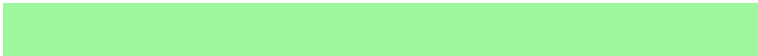
7D7D7D

Same Dimension

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



84BF85



9CF79D



84BFA2



555E55



009E03



001F01

Inverse Universe

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



BF84BE



F79CF6



BF84A1



5E555E



9E009B



1F001E

Previews

White Background



This preview shows how the Hex color 84BF85 looks on a white background.

Color Contrast Check

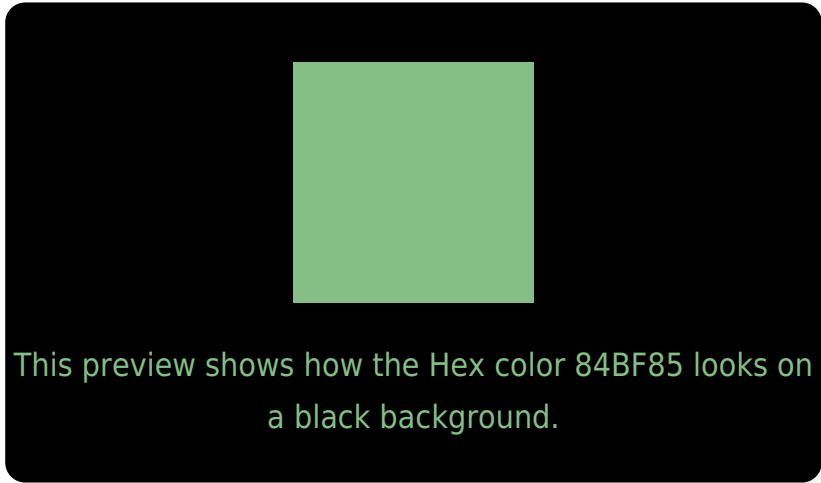
Large Text (above 18pt) WCAG AA × Fail

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 84BF85 Background



This preview shows how black text looks on a background with the Hex color 84BF85.

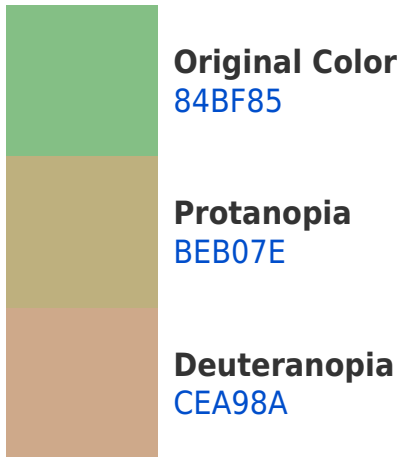


This preview shows how white text looks on a background with the Hex color 84BF85.

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](#).

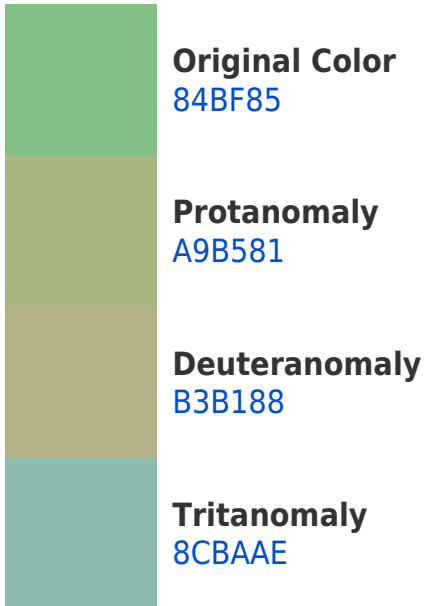
Dichromacy



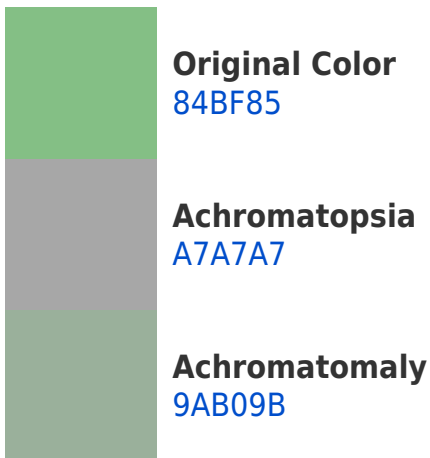


Tritanopia
90B7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84BF85 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 #84BF85 looks like.

```
.text, #text, p{  
    color:#84BF85  
}
```

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 #84BF85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84BF85
}
```

Border

The CSS property to change the border of an element to Hex 84BF85 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
#84BF85 }
```

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

```
.border{ border-color:#84BF85 }
```

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

Here you see how a box with a 4 pixel #84BF85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84BF85; -webkit-box-shadow:4px 4px  
4px 4px #84BF85; box-shadow:4px 4px 4px  
4px #84BF85 }
```

Background

The CSS property to change the background color of an element to Hex 84BF85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84BF85 }
```

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

```
.background{ background-color:#84BF85 }
```

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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