

Converting Colors

Hex(85A185)

Have a look what the booklet for
Hex(85A185) contains.

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Color

Hex(85A185)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 85A185 |
| RGB | 133, 161, 133 |
| RGB Percent | 52%, 63%, 52% |
| CMY | 0.4784, 0.3686, 0.4784 |
| CMYK | 0.17, 0.00, 0.17, 0.37 |
| HSL | 120°, 13%, 58% |
| HSV | 120°, 17%, 63% |
| XYZ | 26.6514, 32.1697, 26.9950 |
| YIQ | 149.4360, -7.7000, -14.6440 |

Conversions

Conversions Part 2

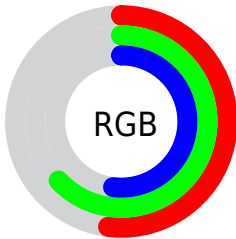
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 133, 161, 161 |
| Decimal | 8757637 |
| CIELab | 63.48, -15.34, 11.40 |
| CIELCh | 63, 19.107, 143.382 |
| Yxy | 32.1697, 0.3106, 0.3749 |
| Android (android.graphics.Color) | 4286947717 (0xFF85A185) |
| YUV | 149.4360, -8.1029, -14.4144 |
| Hunter-Lab | 56.7184, -15.3819, 11.4839 |

Details

The Hex color **85A185** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A185A1**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **BAD8BA**, and **536D53** is the 20% darker color. If you saturate the color by 10%, you get **75A175**, and if you desaturate by 10%, it is **95A195**.

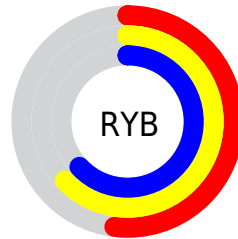
Distribution



Red (52%)

Green (63%)

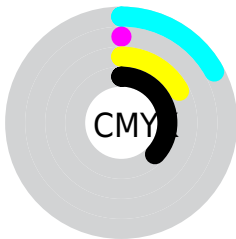
Blue (52%)



Red (52%)

Yellow (63%)

Blue (63%)

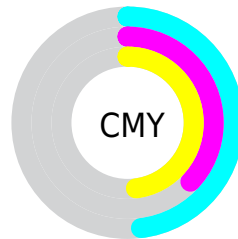


Cyan (17%)

Magenta (0%)

Yellow (17%)

Black (37%)



Cyan (48%)

Magenta (37%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85A185 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 85A185 by changing the saturation by 10% instead.

 85A185

 85A185

FFFFFF

 6C876C

 BAD8BA

 536D53

 D6F4D6

 3B553C

 F3FFF2

 253E26

 102812

 001400

 000000

 85A185

 85A185

 75A175

 95A195

 65A165

 A5A1A5

 55A155

 B5A1B5

 45A145

 C5A1C5

 35A135

 D6A1D6

 24A124

 E6A1E6

 14A114

 F6A1F6

 04A104

 FFA1FF

 00A100

Harmonies

Analogous

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



989D7A



85A185



74A395

Triad

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



85A185



819CBB



BD8E8D

Complementary

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



85A185



A185A1

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.



B98E9E



85A185



9897B9

Square

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



85A185



70A1B4



AC91AE



B7927F

Rectangle

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



85A185



6DA4A1



AC91AE



BD8E93

Sweetspot

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



85A185



C7D1C7



A1A185



626962



E8E8E8



696969

Same Dimension

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



85A185



A5D1A5



85A193



495249



009100



001200

Inverse Universe

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



A185A1



D1A5D1



A18593



524952



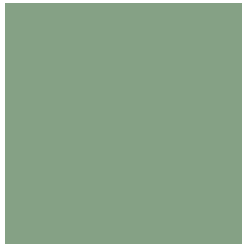
910091



120012

Previews

White Background



This preview shows how the Hex color 85A185 looks on a white background.

Color Contrast Check

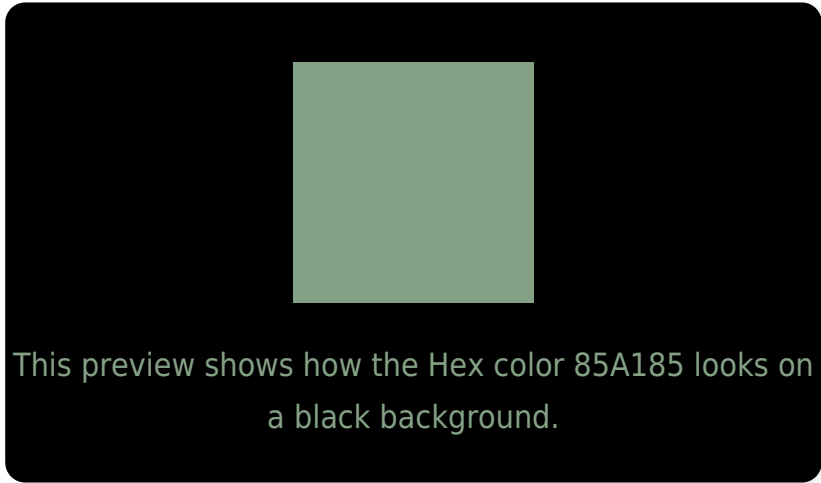
Large Text (above 18pt) WCAG AA × Fail

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

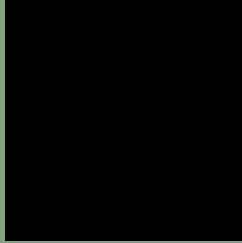
Any Text WCAG AA ✓ Pass

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 85A185 Background



This preview shows how black text looks on a background with the Hex color 85A185.

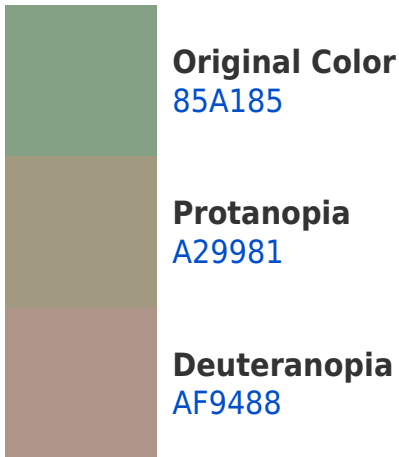


This preview shows how white text looks on a background with the Hex color 85A185.

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
8B9CA8

Trichromacy



Original Color
85A185

Protanomaly
979C82

Deuteranomaly
A09987

Tritanomaly
899E9B

Monochromacy



Original Color
85A185

Achromatopsia
959595

Achromatomaly
8F998F

CSS Examples

Text

The CSS property to change the color of the text to Hex 85A185 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 #85A185 looks like.

```
.text, #text, p{  
    color:#85A185  
}
```

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 #85A185 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85A185
}
```

Border

The CSS property to change the border of an element to Hex 85A185 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
#85A185 }
```

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

```
.border{ border-color:#85A185 }
```

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

Here you see how a box with a 4 pixel #85A185 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85A185; -webkit-box-shadow:4px 4px  
4px 4px #85A185; box-shadow:4px 4px 4px  
4px #85A185 }
```

Background

The CSS property to change the background color of an element to Hex 85A185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85A185 }
```

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

```
.background{ background-color:#85A185 }
```

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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