

Converting Colors

Hex(85D5B3)

Have a look what the booklet for
Hex(85D5B3) contains.

Hex(85D5B3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(85D5B3)

Conversions

Conversions Part 1

Format	Color
Hex	85D5B3
RGB	133, 213, 179
RGB Percent	52%, 84%, 70%
CMY	0.4784, 0.1647, 0.2980
CMYK	0.38, 0.00, 0.16, 0.16
HSL	154°, 49%, 68%
HSV	154°, 38%, 84%
XYZ	41.6038, 55.8297, 51.2313
YIQ	185.2040, -36.7660, -27.5340

Conversions

Conversions Part 2

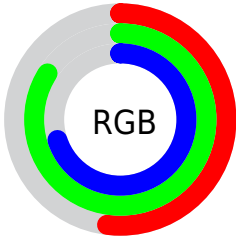
Format	Color
RYB	133, 184, 213
Decimal	8770995
CIELab	79.52, -32.07, 9.13
CIELCh	80, 33.347, 164.115
Yxy	55.8297, 0.2798, 0.3755
Android (android.graphics.Color)	4286961075 (0xFF85D5B3)
YUV	185.2040, -3.0586, -45.7829
Hunter-Lab	74.7193, -31.3697, 11.6513

Details

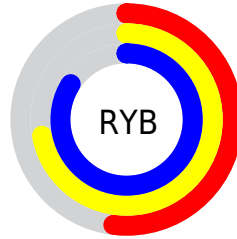
The Hex color **85D5B3** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D585A7**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **BDFFE8**, and **4F9E7E** is the 20% darker color. If you saturate the color by 10%, you get **70D5AA**, and if you desaturate by 10%, it is **9AD5BC**.

Distribution



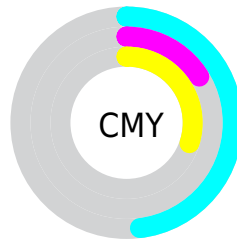
- Red (52%)
- Green (84%)
- Blue (70%)



- Red (52%)
- Yellow (72%)
- Blue (84%)



- Cyan (38%)
- Magenta (0%)
- Yellow (16%)
- Black (16%)



- Cyan (48%)
- Magenta (16%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85D5B3 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 85D5B3 by changing the saturation by 10% instead.

 85D5B3

 85D5B3

FFFFFF

 6AB998

 BDFFE8

 4F9E7E

 D9FFFF

 338365

 F7FFFF

 136A4D

 005136

 003921

 00240B

 000000

 85D5B3

 85D5B3

 70D5AA

 9AD5BC

 5AD5A1

 B0D5C5

 45D598

 C5D5CE

 30D58F

 DAD5D7

 1BD586

 F0D5E0

 05D57D

 FFD5E9

 00D57A

 FFD5F2

 FFD5FB

 FFD5FF

Harmonies

Analogous

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



A9D098



85D5B3



67D6D3

Triad

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



85D5B3



B2C3FF



FEB49B

Complementary

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



85D5B3



D585A7

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.



FFAEB7



85D5B3



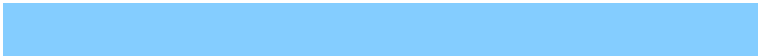
DCB8F2

Square

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



85D5B3



84CDFE



F8B0D7



EABD8A

Rectangle

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



85D5B3



61D5E7



F8B0D7



FFB1A4

Sweetspot

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



85D5B3



E3FFF3



A8D585



6F8078



000000



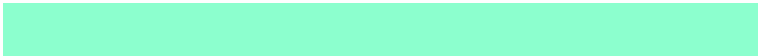
808080

Same Dimension

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



85D5B3



8CFFCE



85D0D5



606B67



00AB62



002B19

Inverse Universe

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



D585A7



FF8CBD



D58A85



6B6065



AB0049



2B0012

Previews

White Background



This preview shows how the Hex color 85D5B3 looks on a white background.

Color Contrast Check

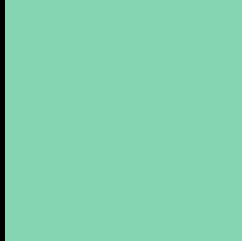
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 85D5B3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

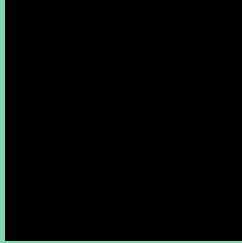
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

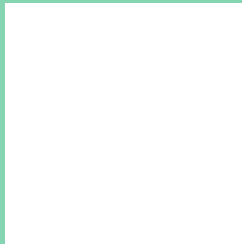
Any Text WCAG AAA ✓ Pass

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

Hex 85D5B3 Background



This preview shows how black text looks on a background with the Hex color 85D5B3.

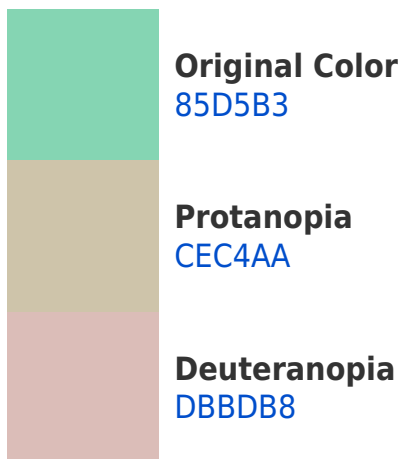


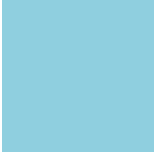
This preview shows how white text looks on a background with the Hex color 85D5B3.

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



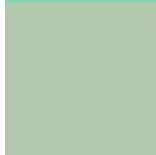


Tritanopia
8FCFDF

Trichromacy



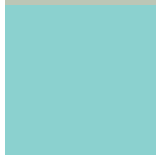
Original Color
85D5B3



Protanomaly
B3CAAD



Deuteranomaly
BCC6B6



Tritanomaly
8BD1CF

Monochromacy



Original Color
85D5B3



Achromatopsia
B9B9B9



Achromatomaly
A6C3B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 85D5B3 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 #85D5B3 looks like.

```
.text, #text, p{  
    color:#85D5B3  
}
```

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 #85D5B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85D5B3
}
```

Border

The CSS property to change the border of an element to Hex 85D5B3 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
#85D5B3 }
```

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

```
.border{ border-color:#85D5B3 }
```

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

Here you see how a box with a 4 pixel #85D5B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85D5B3; -webkit-box-shadow:4px 4px  
4px 4px #85D5B3; box-shadow:4px 4px 4px  
4px #85D5B3 }
```

Background

The CSS property to change the background color of an element to Hex 85D5B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85D5B3 }
```

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

```
.background{ background-color:#85D5B3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor