

# Converting Colors

Hex(85DFA3)

Have a look what the booklet for  
Hex(85DFA3) contains.

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# **Color**

**Hex(85DFA3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85DFA3
RGB	133, 223, 163
RGB Percent	52%, 87%, 64%
CMY	0.4784, 0.1255, 0.3608
CMYK	0.40, 0.00, 0.27, 0.13
HSL	140°, 58%, 70%
HSV	140°, 40%, 87%
XYZ	42.6714, 60.4062, 44.0609
YIQ	189.2500, -34.3800, -37.7400

# Conversions

## Conversions Part 2

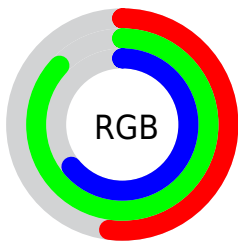
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">133, 201, 223</a>
Decimal	<a href="#">8773539</a>
CIELab	<a href="#">82.06, -39.81, 21.13</a>
CIELCh	<a href="#">82, 45.072, 152.036</a>
Yxy	<a href="#">60.4062, 0.2900, 0.4105</a>
Android (android.graphics.Color)	<a href="#">4286963619 (0xFF85DFA3)</a>
YUV	<a href="#">189.2500, -12.9412, -49.3312</a>
Hunter-Lab	<a href="#">77.7215, -38.0107, 20.7931</a>

# Details

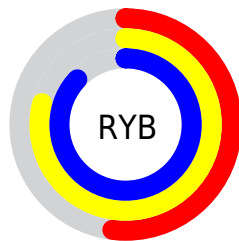
The Hex color **85DFA3** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DF85C1**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **BDFFDA**, and **4EA76F** is the 20% darker color. If you saturate the color by 10%, you get **6FDF94**, and if you desaturate by 10%, it is **9BDFB2**.

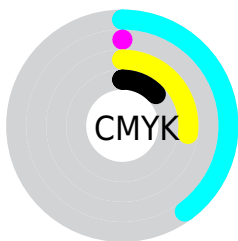
# Distribution



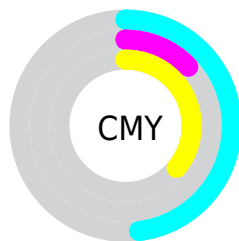
- Red (52%)
- Green (87%)
- Blue (64%)



- Red (52%)
- Yellow (79%)
- Blue (87%)



- Cyan (40%)
- Magenta (0%)
- Yellow (27%)
- Black (13%)



- Cyan (48%)
- Magenta (13%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85DFA3 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 85DFA3 by changing the saturation by 10% instead.



 85DFA3

FFFFFF

 BDFFDA

 DAFFF7

 F8FFFF

 85DFA3

 69C389

 4EA76F

 318C56

 0B723F

 005928

 004112

 002B00

 000E00

 000000

 85DFA3

 85DFA3

 6FDF94

 9BDFB2

 58DF85

 B2DFC1

 42DF76

 C8DFD0

 2CDF68

 DEDFDE

 15DF59

 F4DFED

 00DF4A

 FFDFFC

 FFDFFF

# Harmonies

## Analogous

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



B8D783



85DFA3



46E3CE

# Triad

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



85DFA3



92CFFF



FFAFA1

# Complementary

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



85DFA3



DF85C1

# 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.



FFABCB



85DFA3



D4C0FF

# Square

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



85DFA3



3EDBFF



FFB2F4



FFBC82

# Rectangle

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



85DFA3



00E2EA



FFB2F4



FFACAE

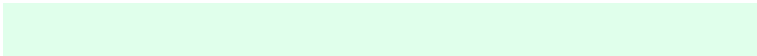


# Sweetspot

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



85DFA3



E0FFEB



C1DF85



6E8074



000000



808080



# Same Dimension

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



85DFA3



85FFAD



85DFCE



657069



00B03B



003010



# Inverse Universe

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



DF85C1



FF85D6



DF8594



70656C



B00075

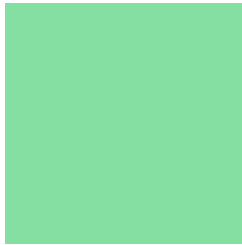


300020



# Previews

## White Background



This preview shows how the Hex color 85DFA3 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 85DFA3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

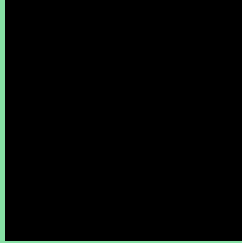
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 85DFA3 Background



This preview shows how black text looks on a background with the Hex color 85DFA3.

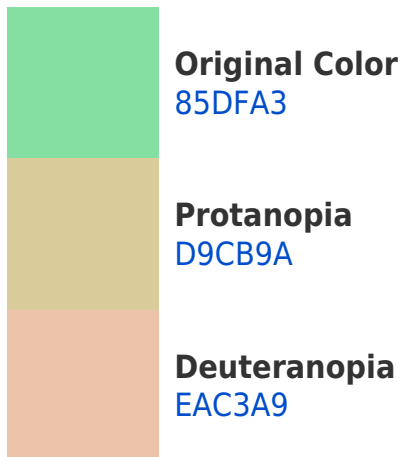


This preview shows how white text looks on a background with the Hex color 85DFA3.

# 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](#).

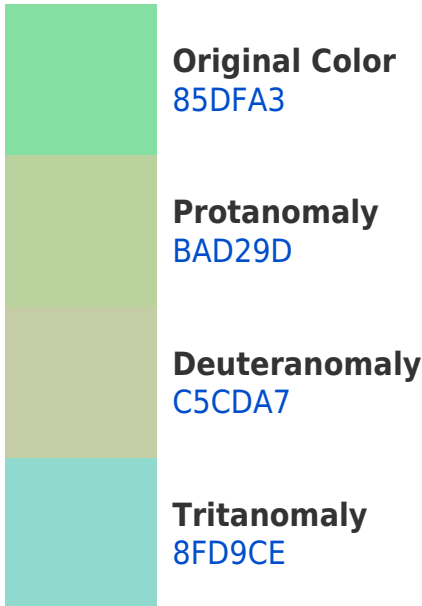
## Dichromacy



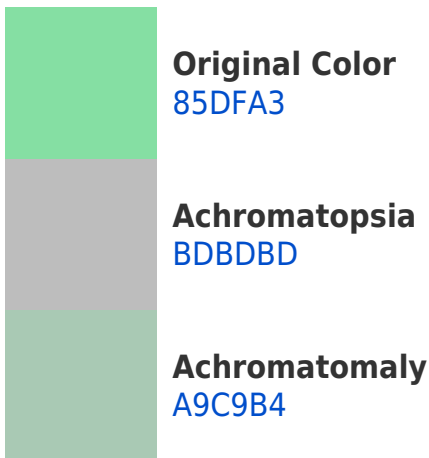


**Tritanopia**  
94D6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85DFA3 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 #85DFA3 looks like.

```
.text, #text, p{  
    color:#85DFA3  
}
```

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 #85DFA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85DFA3
}
```

## Border

The CSS property to change the border of an element to Hex 85DFA3 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
#85DFA3 }
```

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

```
.border{ border-color:#85DFA3 }
```

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

Here you see how a box with a 4 pixel #85DFA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85DFA3; -webkit-box-shadow:4px 4px  
4px 4px #85DFA3; box-shadow:4px 4px 4px  
4px #85DFA3 }
```

# Background

The CSS property to change the background color of an element to Hex 85DFA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85DFA3 }
```

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

```
.background{ background-color:#85DFA3 }
```

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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