

# Converting Colors

Hex(85D39A)

Have a look what the booklet for  
Hex(85D39A) contains.

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**Color**

**Hex(85D39A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85D39A
RGB	133, 211, 154
RGB Percent	52%, 83%, 60%
CMY	0.4784, 0.1725, 0.3961
CMYK	0.37, 0.00, 0.27, 0.17
HSL	136°, 47%, 67%
HSV	136°, 37%, 83%
XYZ	38.7999, 53.9082, 38.9322
YIQ	181.1800, -28.1910, -34.2630

# Conversions

## Conversions Part 2

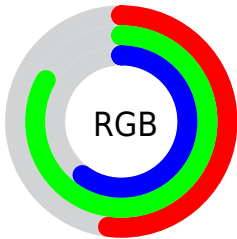
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 194, 211
Decimal	8770458
CIELab	78.41, -36.02, 20.82
CIELCh	78, 41.606, 149.975
Yxy	53.9082, 0.2947, 0.4095
Android (android.graphics.Color)	4286960538 (0xFF85D39A)
YUV	181.1800, -13.3997, -42.2539
Hunter-Lab	73.4222, -34.1607, 19.9569

# Details

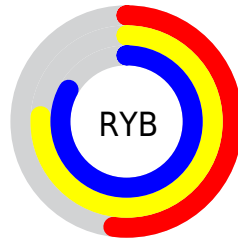
The Hex color **85D39A** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D385BE**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **BDFFD1**, and **4F9C67** is the 20% darker color. If you saturate the color by 10%, you get **70D38B**, and if you desaturate by 10%, it is **9AD3A9**.

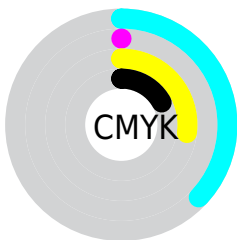
# Distribution



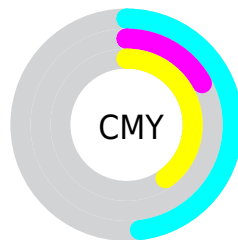
- Red (52%)
- Green (83%)
- Blue (60%)



- Red (52%)
- Yellow (76%)
- Blue (83%)



- Cyan (37%)
- Magenta (0%)
- Yellow (27%)
- Black (17%)



- Cyan (48%)
- Magenta (17%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85D39A 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 85D39A by changing the saturation by 10% instead.



 85D39A

 85D39A

FFFFFF

 6AB780

 BDFFD1

 4F9C67

 D9FFED

 34814E

 F6FFFF

 156837

 004F21

 00370B

 002400

 000000

 85D39A

 85D39A

 70D38B

 9AD3A9

 5BD37B

 AFD3B9

 46D36C

 C4D3C8

 31D35C

 D9D3D8

 1CD34D

 EFD3E7

 06D33D

 FFD3F7

 00D339

 FFD3FF

# Harmonies

## Analogous

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



B3CB7E



85D39A



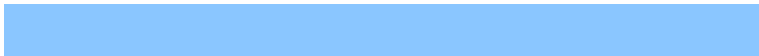
50D7C1

# Triad

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



85D39A



8AC6FF



FFA79D

# Complementary

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



85D39A



D385BE

# 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.



FFA4C4



85D39A



C6B8FF

# Square

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



85D39A



43D0FF



F3ABE9



FBB280

# Rectangle

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



85D39A



28D6DB



F3ABE9



FFA5A9

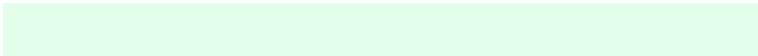


# Sweetspot

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



85D39A



E3FFEB



BED385



6F8073



000000



808080

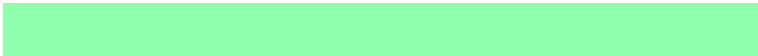


# Same Dimension

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



85D39A



8FFFAD



85D3C1



5E6961



00A82D



00290B



# Inverse Universe

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



D385BE



FF8FE1



D38597



695E66



A8007B



29001E



# Previews

## White Background



This preview shows how the Hex color 85D39A looks on a white background.

## Color Contrast Check

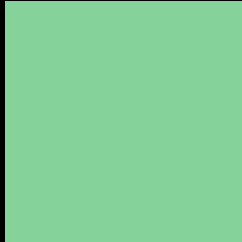
Large Text (above 18pt) WCAG AA × Fail

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 85D39A 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 85D39A Background



This preview shows how black text looks on a background with the Hex color 85D39A.

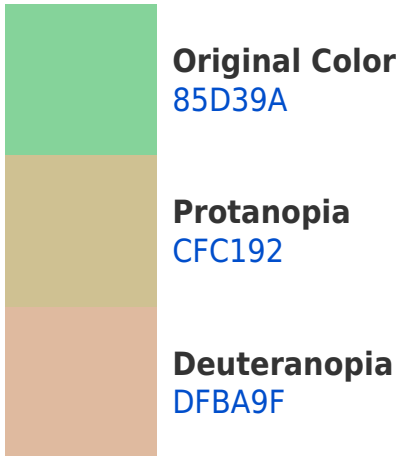


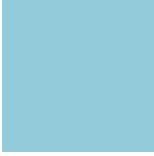
This preview shows how white text looks on a background with the Hex color 85D39A.

# 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](#).

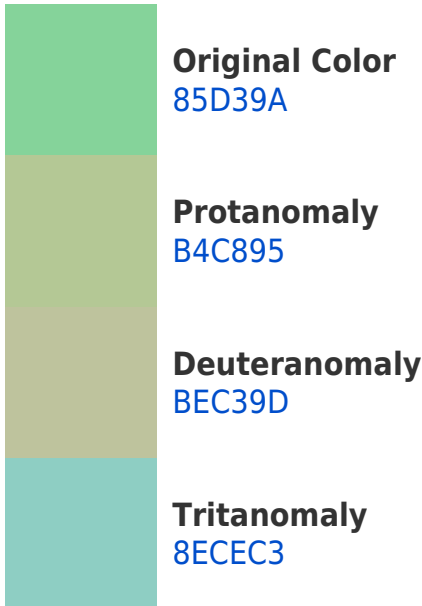
## Dichromacy



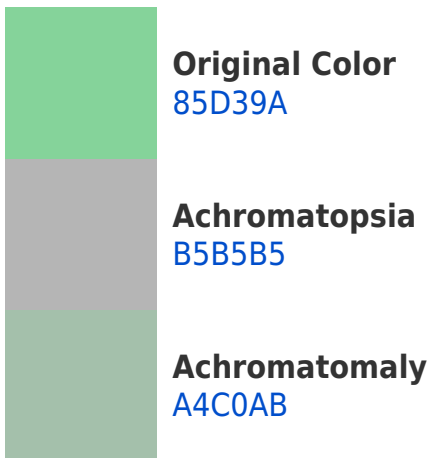


**Tritanopia**  
93CBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85D39A 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 #85D39A looks like.

```
.text, #text, p{  
    color:#85D39A  
}
```

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 #85D39A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85D39A
}
```

## Border

The CSS property to change the border of an element to Hex 85D39A 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
#85D39A }
```

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

```
.border{ border-color:#85D39A }
```

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

Here you see how a box with a 4 pixel #85D39A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85D39A; -webkit-box-shadow:4px 4px  
4px 4px #85D39A; box-shadow:4px 4px 4px  
4px #85D39A }
```

# Background

The CSS property to change the background color of an element to Hex 85D39A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85D39A }
```

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

```
.background{ background-color:#85D39A }
```

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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