

# Converting Colors

Hex(85D88E)

Have a look what the booklet for  
Hex(85D88E) contains.

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**Color**

**Hex(85D88E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85D88E
RGB	133, 216, 142
RGB Percent	52%, 85%, 56%
CMY	0.4784, 0.1529, 0.4431
CMYK	0.38, 0.00, 0.34, 0.15
HSL	127°, 52%, 68%
HSV	127°, 38%, 85%
XYZ	39.1112, 56.0513, 34.3488
YIQ	182.7470, -25.7140, -40.6100

# Conversions

## Conversions Part 2

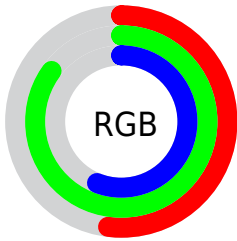
Format	Color
<a href="#">RYB</a>	<a href="#">133, 208, 216</a>
Decimal	<a href="#">8771726</a>
CIELab	<a href="#">79.64, -40.36, 28.75</a>
CIELCh	<a href="#">80, 49.551, 144.531</a>
Yxy	<a href="#">56.0513, 0.3020, 0.4328</a>
Android (android.graphics.Color)	<a href="#">4286961806 (0xFF85D88E)</a>
YUV	<a href="#">182.7470, -20.0883, -43.6281</a>
Hunter-Lab	<a href="#">74.8674, -37.7684, 25.2052</a>

# Details

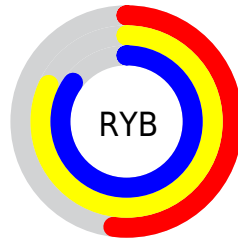
The Hex color **85D88E** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D885CF**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **BDFFC4**, and **4EA15B** is the 20% darker color. If you saturate the color by 10%, you get **6FD87B**, and if you desaturate by 10%, it is **9BD8A1**.

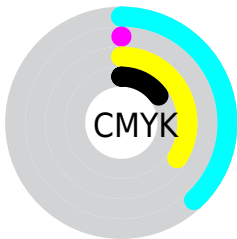
# Distribution



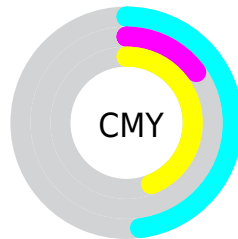
- Red (52%)
- Green (85%)
- Blue (56%)



- Red (52%)
- Yellow (82%)
- Blue (85%)



- Cyan (38%)
- Magenta (0%)
- Yellow (34%)
- Black (15%)



- Cyan (48%)
- Magenta (15%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85D88E 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 85D88E by changing the saturation by 10% instead.





85D88E



85D88E

FFFFFF



6ABC74



BDFFC4



4EA15B



DAFFE0



328643



F7FFFD



106C2B



005314



003B00



002700



000000



85D88E



85D88E

 6FD87B

 9BD8A1

 5AD867

 B0D8B5

 44D854

 C6D8C8

 2FD841

 DBD8DB

 19D82E

 F1D8EE

 03D81A

 FFD8FF

 00D817

# Harmonies

## Analogous

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



BCCE6F



85D88E



36DDBB

# Triad

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



85D88E



68CDFE



FFA2A1

# Complementary

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



85D88E



D885CF

# 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.



FFA1D0



85D88E



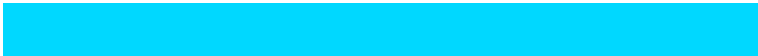
BDBDFF

# Square

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



85D88E



00D8FF



F7ABFC



FFAF7C

# Rectangle

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



85D88E



00DDDB



F7ABFC



FFA0B0

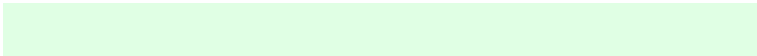


# Sweetspot

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



85D88E



E0FFE4



D0D885



6E8070



000000



808080

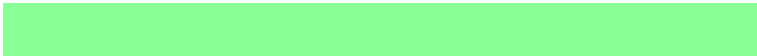


# Same Dimension

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



85D88E



8AFF96



85D8B7



606B62



00AB13



002B05



# Inverse Universe

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



D885CF



FF8AF2



D885A6



6B606A



AB0098

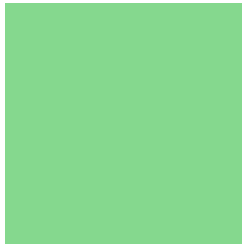


2B0027



# Previews

## White Background



This preview shows how the Hex color 85D88E 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 85D88E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

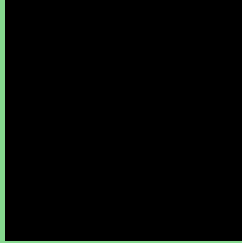
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 85D88E Background



This preview shows how black text looks on a background with the Hex color 85D88E.

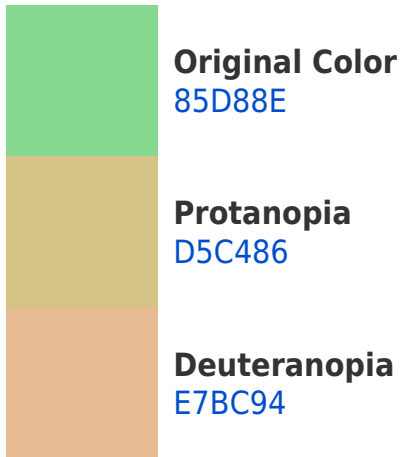


This preview shows how white text looks on a background with the Hex color 85D88E.

# 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](#).

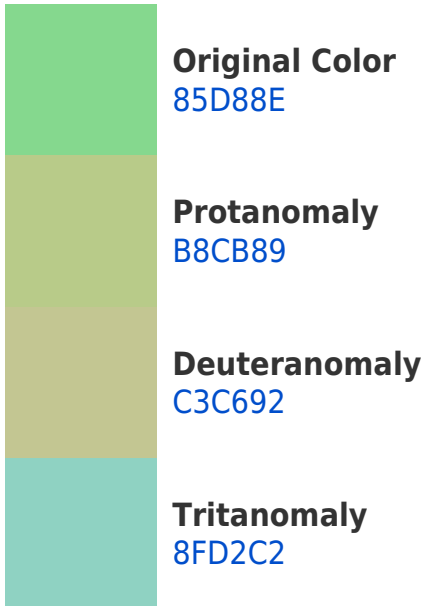
## Dichromacy



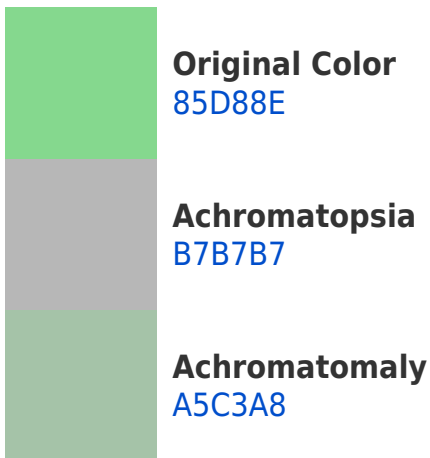


**Tritanopia**  
95CEDF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85D88E 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 #85D88E looks like.

```
.text, #text, p{  
    color:#85D88E  
}
```

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 #85D88E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85D88E
}
```

## Border

The CSS property to change the border of an element to Hex 85D88E 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
#85D88E }
```

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

```
.border{ border-color:#85D88E }
```

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

Here you see how a box with a 4 pixel #85D88E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85D88E; -webkit-box-shadow:4px 4px  
4px 4px #85D88E; box-shadow:4px 4px 4px  
4px #85D88E }
```

# Background

The CSS property to change the background color of an element to Hex 85D88E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85D88E }
```

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

```
.background{ background-color:#85D88E }
```

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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