

Converting Colors

Hex(83D889)

Have a look what the booklet for
Hex(83D889) contains.

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Color

Hex(83D889)

Conversions

Conversions Part 1

Format	Color
Hex	83D889
RGB	131, 216, 137
RGB Percent	51%, 85%, 54%
CMY	0.4863, 0.1529, 0.4627
CMYK	0.39, 0.00, 0.37, 0.15
HSL	124°, 52%, 68%
HSV	124°, 39%, 85%
XYZ	38.4313, 55.7432, 32.4009
YIQ	181.5790, -25.3010, -42.5890

Conversions

Conversions Part 2

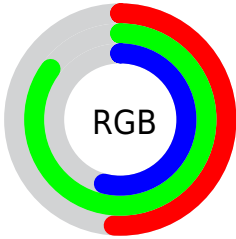
Format	Color
RYB	131, 210, 216
Decimal	8640649
CIELab	79.47, -41.77, 31.07
CIElCh	79, 52.058, 143.351
Yxy	55.7432, 0.3036, 0.4404
Android (android.graphics.Color)	4286830729 (0xFF83D889)
YUV	181.5790, -21.9774, -44.3578
Hunter-Lab	74.6613, -38.7760, 26.5328

Details

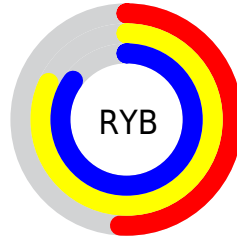
The Hex color **83D889** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D883D2**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **BBFFBF**, and **4CA156** is the 20% darker color. If you saturate the color by 10%, you get **6DD875**, and if you desaturate by 10%, it is **99D89D**.

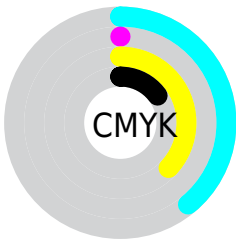
Distribution



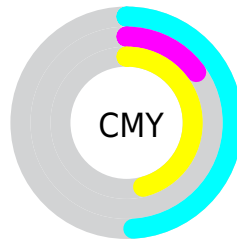
- Red (51%)
- Green (85%)
- Blue (54%)



- Red (51%)
- Yellow (82%)
- Blue (85%)



- Cyan (39%)
- Magenta (0%)
- Yellow (37%)
- Black (15%)



- Cyan (49%)
- Magenta (15%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83D889 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 83D889 by changing the saturation by 10% instead.

 83D889

 83D889

FFFFFF

 68BC6F

 BBFFBF

 4CA156

 D8FFDB

 2F863E

 F5FFF8

 0A6C26

 00530E

 003B00

 002700

 000000

 83D889

 83D889

 6DD875

 99D89D

 58D861

 AED8B1

 42D84D

 C4D8C5

 2DD839

 D9D8D9

 17D825

 EFD8ED

 01D811

 FFD8FF

 00D80F

Harmonies

Analogous

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



BDCE69



83D889



27DDB8

Triad

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



83D889



59CDFE



FF9FA1

Complementary

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



83D889



D883D2

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.



FF9ED2



83D889



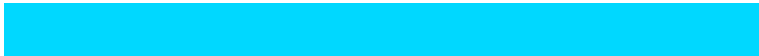
B8BCFF

Square

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



83D889



00D8FF



F7AFFF



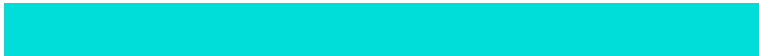
FFAD79

Rectangle

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



83D889



00DEDA



F7AAFF



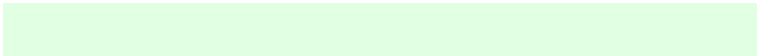
FF9DB1

Sweetspot

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



83D889



E0FFE3



D2D883



6E806F



000000



808080

Same Dimension

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



83D889



87FF90



83D8B3



606B61



00AB0C



002B03

Inverse Universe

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



D883D2



FF87F7



D883A8



6B606A



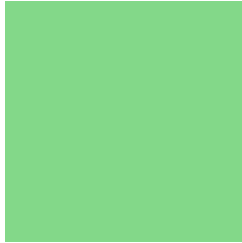
AB009F



2B0028

Previews

White Background



This preview shows how the Hex color 83D889 looks on a white background.

Color Contrast Check

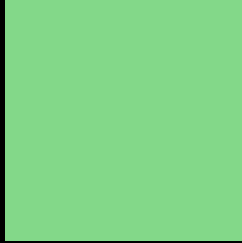
Large Text (above 18pt) WCAG AA × Fail

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 83D889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

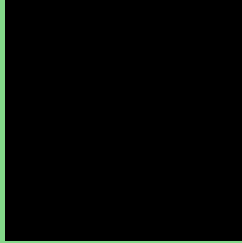
Any Text WCAG AA ✓ Pass

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 83D889 Background



This preview shows how black text looks on a background with the Hex color 83D889.

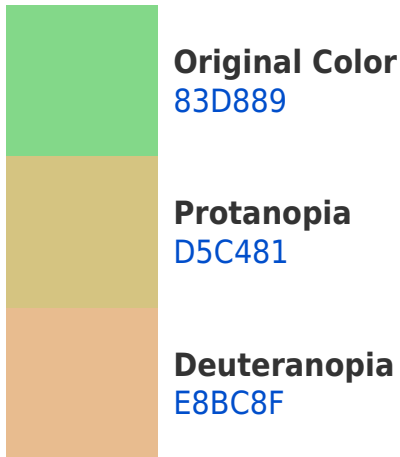


This preview shows how white text looks on a background with the Hex color 83D889.

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
94CEDE

Trichromacy



Original Color
83D889



Protanomaly
B7CB84



Deuteranomaly
C3C68D



Tritanomaly
8ED2BF

Monochromacy



Original Color
83D889



Achromatopsia
B6B6B6



Achromatomaly
A3C2A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 83D889 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 #83D889 looks like.

```
.text, #text, p{  
    color:#83D889  
}
```

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 #83D889 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83D889
}
```

Border

The CSS property to change the border of an element to Hex 83D889 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
#83D889 }
```

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

```
.border{ border-color:#83D889 }
```

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

Here you see how a box with a 4 pixel #83D889 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83D889; -webkit-box-shadow:4px 4px  
4px 4px #83D889; box-shadow:4px 4px 4px  
4px #83D889 }
```

Background

The CSS property to change the background color of an element to Hex 83D889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83D889 }
```

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

```
.background{ background-color:#83D889 }
```

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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