

Converting Colors

Hex(83D883)

Have a look what the booklet for
Hex(83D883) contains.

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Color

Hex(83D883)

Conversions

Conversions Part 1

Format	Color
Hex	83D883
RGB	131, 216, 131
RGB Percent	51%, 85%, 51%
CMY	0.4863, 0.1529, 0.4863
CMYK	0.39, 0.00, 0.39, 0.15
HSL	120°, 52%, 68%
HSV	120°, 39%, 85%
XYZ	38.0127, 55.5757, 30.1964
YIQ	180.8950, -23.3750, -44.4550

Conversions

Conversions Part 2

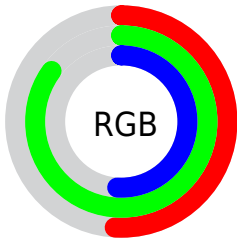
Format	Color
RYB	131, 216, 216
Decimal	8640643
CIELab	79.37, -42.70, 34.01
CIELCh	79, 54.590, 141.465
Yxy	55.5757, 0.3071, 0.4490
Android (android.graphics.Color)	4286830723 (0xFF83D883)
YUV	180.8950, -24.5982, -43.7579
Hunter-Lab	74.5491, -39.4436, 28.1687

Details

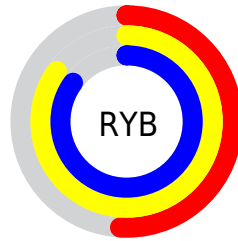
The Hex color **83D883** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D883D8**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **BBFFB9**, and **4CA150** is the 20% darker color. If you saturate the color by 10%, you get **6DD86D**, and if you desaturate by 10%, it is **99D899**.

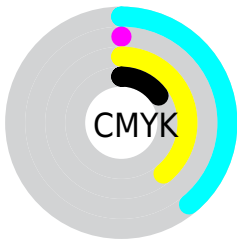
Distribution



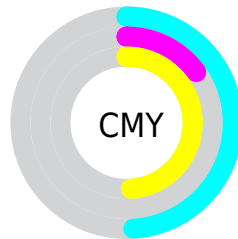
- Red (51%)
- Green (85%)
- Blue (51%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 83D883 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 83D883 by changing the saturation by 10% instead.

 83D883

 83D883

FFFFFF

 67BC69

 BBFFB9

 4CA150

 D8FFD5

 2F8638

 F5FFF1

 086C20

 005306

 003B00

 002600

 000000

 83D883

 83D883

 6DD86D

 99D899

 58D858

 AED8AE

 42D842

 C4D8C4

 2DD82D

 D9D8D9

 17D817

 EFD8EF

 01D801

 FFD8FF

 00D800

Harmonies

Analogous

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



BBCD62



83D883



17DEB4

Triad

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



83D883



40CEFF



FF9CA2

Complementary

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



83D883



D883D8

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.



FF9CD5



83D883



B2BDFE

Square

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



83D883



00DAFF



F6A9FF



FFAA77

Rectangle

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



83D883



00DFD7



F6A9FF



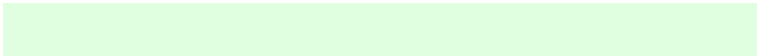
FF9AB3

Sweetspot

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



83D883



E0FFE0



D8D883



6E806E



000000



808080

Same Dimension

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



83D883



87FF87



83D8AD



606B60



00AB00



002B00

Inverse Universe

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



D883D8



FF87FF



D883AD



6B606B



AB00AB



2B002B

Previews

White Background



This preview shows how the Hex color 83D883 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 83D883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

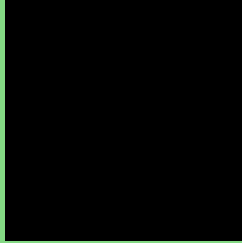
Any Text WCAG AA ✓ Pass

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 83D883 Background



This preview shows how black text looks on a background with the Hex color 83D883.

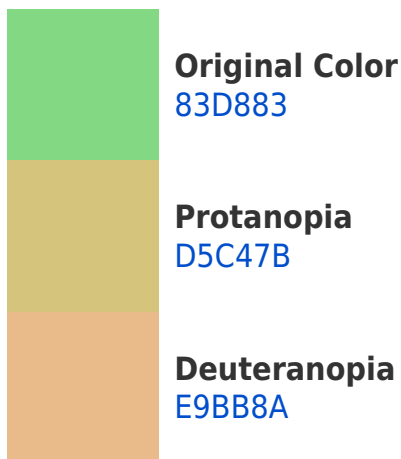


This preview shows how white text looks on a background with the Hex color 83D883.

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
95CDDE

Trichromacy



Original Color
83D883



Protanomaly
B7CB7E



Deuteranomaly
C4C687



Tritanomaly
8ED1BD

Monochromacy



Original Color
83D883



Achromatopsia
B5B5B5



Achromatomaly
A3C2A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 83D883 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 #83D883 looks like.

```
.text, #text, p{  
    color:#83D883  
}
```

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 #83D883 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83D883
}
```

Border

The CSS property to change the border of an element to Hex 83D883 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
#83D883 }
```

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

```
.border{ border-color:#83D883 }
```

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

Here you see how a box with a 4 pixel #83D883 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83D883; -webkit-box-shadow:4px 4px  
4px 4px #83D883; box-shadow:4px 4px 4px  
4px #83D883 }
```

Background

The CSS property to change the background color of an element to Hex 83D883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83D883 }
```

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

```
.background{ background-color:#83D883 }
```

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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