

Converting Colors

Hex(83D197)

Have a look what the booklet for
Hex(83D197) contains.

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Color

Hex(83D197)

Conversions

Conversions Part 1

Format	Color
Hex	83D197
RGB	131, 209, 151
RGB Percent	51%, 82%, 59%
CMY	0.4863, 0.1804, 0.4078
CMYK	0.37, 0.00, 0.28, 0.18
HSL	135°, 46%, 67%
HSV	135°, 37%, 82%
XYZ	37.7465, 52.6606, 37.4532
YIQ	179.0660, -27.8700, -34.5740

Conversions

Conversions Part 2

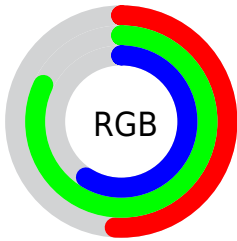
Format	Color
RYB	131, 193, 209
Decimal	8638871
CIELab	77.67, -36.25, 21.37
CIElCh	78, 42.080, 149.472
Yxy	52.6606, 0.2952, 0.4119
Android (android.graphics.Color)	4286828951 (0xFF83D197)
YUV	179.0660, -13.8365, -42.1539
Hunter-Lab	72.5676, -34.1456, 20.1969

Details

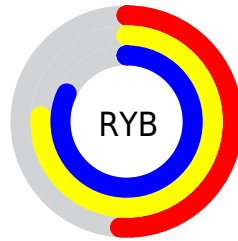
The Hex color **83D197** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D183BD**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **BAFFCD**, and **4D9A64** is the 20% darker color. If you saturate the color by 10%, you get **6ED187**, and if you desaturate by 10%, it is **98D1A7**.

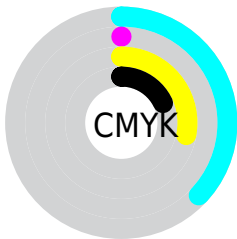
Distribution



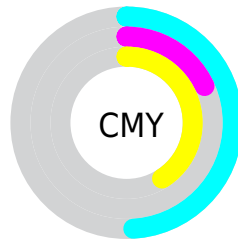
- Red (51%)
- Green (82%)
- Blue (59%)



- Red (51%)
- Yellow (76%)
- Blue (82%)



- Cyan (37%)
- Magenta (0%)
- Yellow (28%)
- Black (18%)



- Cyan (49%)
- Magenta (18%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83D197 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 83D197 by changing the saturation by 10% instead.



83D197



83D197

FFFFFF



68B57D



BAFFCD



4D9A64



D7FFEA



32804C



F4FFFF



126634



004D1E



003608



002200



000000



83D197



83D197

 6ED187

 98D1A7

 59D178

 ADD1B6

 44D168

 C2D1C6

 2FD159

 D7D1D5

 1AD149

 EBD1E5

 06D13A

 FFD1F4

 00D136

 FFD1FF

Harmonies

Analogous

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



B2C97B



83D197



4CD5BE

Triad

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



83D197



85C4FF



FFA59C

Complementary

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



83D197



D183BD

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.



FFA2C2



83D197



C3B6FF

Square

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



83D197



3BCEFF



F0A9E8



F9B07E

Rectangle

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



83D197



1ED5D9



F0A9E8



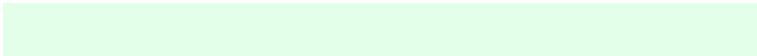
FFA2A8

Sweetspot

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



83D197



E3FFEA



BED183



6F8073



000000



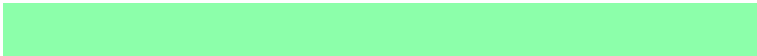
808080

Same Dimension

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



83D197



8CFFAA



83D1BE



5E6961



00A82B



00290A

Inverse Universe

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



D183BD



FF8CE2



D18396



695E66



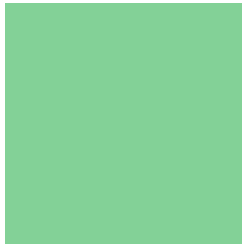
A8007D



29001E

Previews

White Background



This preview shows how the Hex color 83D197 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 83D197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

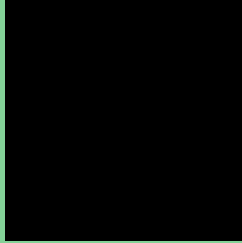
Any Text WCAG AA ✓ Pass

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 83D197 Background



This preview shows how black text looks on a background with the Hex color 83D197.

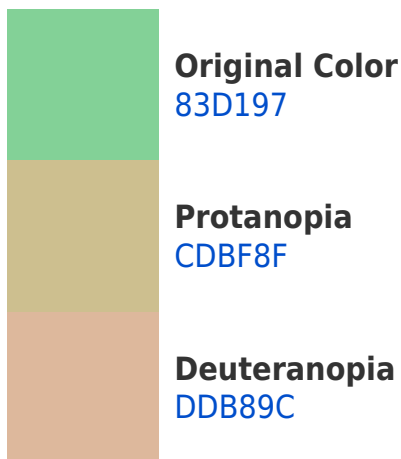


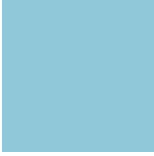
This preview shows how white text looks on a background with the Hex color 83D197.

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
91C8D9

Trichromacy



Original Color
83D197



Protanomaly
B2C692



Deuteranomaly
BCC19A



Tritanomaly
8CCBC1

Monochromacy



Original Color
83D197



Achromatopsia
B3B3B3



Achromatomaly
A2BEA9

CSS Examples

Text

The CSS property to change the color of the text to Hex 83D197 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 #83D197 looks like.

```
.text, #text, p{  
    color:#83D197  
}
```

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 #83D197 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83D197
}
```

Border

The CSS property to change the border of an element to Hex 83D197 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
#83D197 }
```

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

```
.border{ border-color:#83D197 }
```

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

Here you see how a box with a 4 pixel #83D197 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83D197; -webkit-box-shadow:4px 4px  
4px 4px #83D197; box-shadow:4px 4px 4px  
4px #83D197 }
```

Background

The CSS property to change the background color of an element to Hex 83D197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83D197 }
```

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

```
.background{ background-color:#83D197 }
```

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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