

Converting Colors

Hex(83D17B)

Have a look what the booklet for
Hex(83D17B) contains.

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Color

Hex(83D17B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 83D17B |
| RGB | 131, 209, 123 |
| RGB Percent | 51%, 82%, 48% |
| CMY | 0.4863, 0.1804, 0.5176 |
| CMYK | 0.37, 0.00, 0.41, 0.18 |
| HSL | 114°, 48%, 65% |
| HSV | 114°, 41%, 82% |
| XYZ | 35.7357, 51.8563, 26.8647 |
| YIQ | 175.8740, -18.8820, -43.2820 |

Conversions

Conversions Part 2

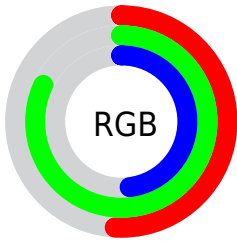
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 123, 209, 201 |
| Decimal | 8638843 |
| CIELab | 77.19, -40.83, 35.24 |
| CIELCh | 77, 53.932, 139.200 |
| Yxy | 51.8563, 0.3122, 0.4531 |
| Android (android.graphics.Color) | 4286828923 (0xFF83D17B) |
| YUV | 175.8740, -26.0669, -39.3545 |
| Hunter-Lab | 72.0113, -37.4390, 28.2891 |

Details

The Hex color **83D17B** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **C97BD1**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **BBFFB0**, and **4D9A49** is the 20% darker color. If you saturate the color by 10%, you get **70D166**, and if you desaturate by 10%, it is **96D190**.

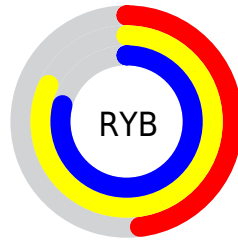
Distribution



Red (51%)

Green (82%)

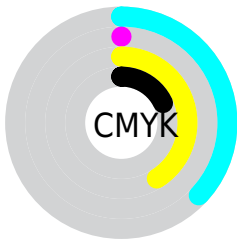
Blue (48%)



Red (48%)

Yellow (82%)

Blue (79%)

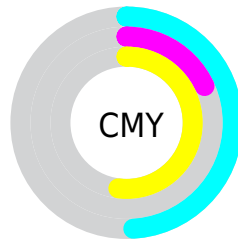


Cyan (37%)

Magenta (0%)

Yellow (41%)

Black (18%)



Cyan (49%)

Magenta (18%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83D17B 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 83D17B by changing the saturation by 10% instead.

 83D17B

 83D17B

FFFFFF

 68B561

 BBFFB0

 4D9A49

 D8FFCC

 318030

 F5FFE9

 0E6618

 004D00

 003500

 002100

 000000

 83D17B

 83D17B

 70D166

 96D190

 5DD151

 A9D1A5

 4AD13C

 BCD1BA

 37D127

 CFD1CF

 24D112

 E2D1E4

 13D100

 F5D1F8

 FFD1FF

Harmonies

Analogous

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



BDC65D



83D17B



22D7AA

Triad

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



83D17B



27C9FF



FF96A0

Complementary

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



83D17B



C97BD1

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.



FF97D3



83D17B



A5B9FF

Square

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



83D17B



00D4FF



EBA5FF



FFA375

Rectangle

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



83D17B



00D8CD



EBA5FF



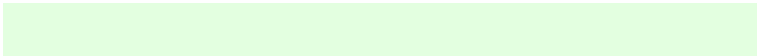
FF95B1

Sweetspot

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



83D17B



E3FFE0



D1C87B



6F806E



000000



808080

Same Dimension

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



83D17B



8EFF82



7BD19D



5F695E



10A800



042900

Inverse Universe

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



C97BD1



F382FF



D17BAF



685E69



9900A8



250029

Previews

White Background



This preview shows how the Hex color 83D17B looks on a white background.

Color Contrast Check

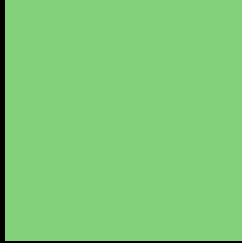
Large Text (above 18pt) WCAG AA × Fail

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 83D17B 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 83D17B Background



This preview shows how black text looks on a background with the Hex color 83D17B.

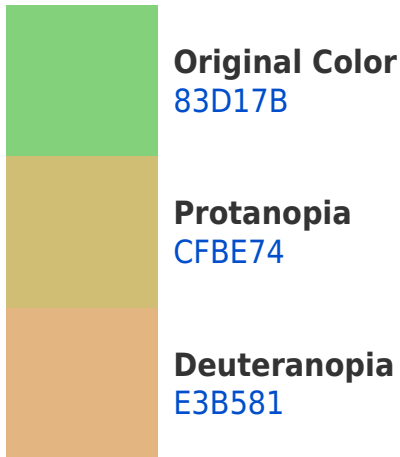


This preview shows how white text looks on a background with the Hex color 83D17B.

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](#).

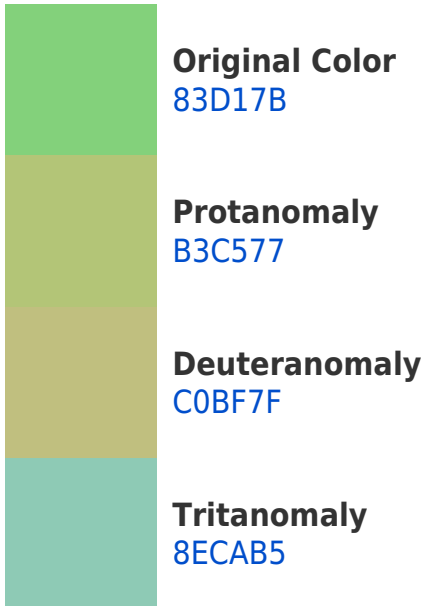
Dichromacy



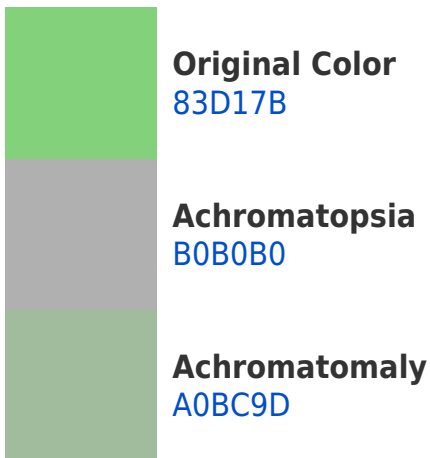


Tritanopia
94C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83D17B 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 #83D17B looks like.

```
.text, #text, p{  
    color:#83D17B  
}
```

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 #83D17B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83D17B
}
```

Border

The CSS property to change the border of an element to Hex 83D17B 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
#83D17B }
```

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

```
.border{ border-color:#83D17B }
```

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

Here you see how a box with a 4 pixel #83D17B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83D17B; -webkit-box-shadow:4px 4px  
4px 4px #83D17B; box-shadow:4px 4px 4px  
4px #83D17B }
```

Background

The CSS property to change the background color of an element to Hex 83D17B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83D17B }
```

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

```
.background{ background-color:#83D17B }
```

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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