

Converting Colors

Hex(83D4A1)

Have a look what the booklet for
Hex(83D4A1) contains.

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Color

Hex(83D4A1)

Conversions

Conversions Part 1

Format	Color
Hex	83D4A1
RGB	131, 212, 161
RGB Percent	51%, 83%, 63%
CMY	0.4863, 0.1686, 0.3686
CMYK	0.38, 0.00, 0.24, 0.17
HSL	142°, 49%, 67%
HSV	142°, 38%, 83%
XYZ	39.3366, 54.4855, 42.1617
YIQ	181.9670, -31.9050, -33.0330

Conversions

Conversions Part 2

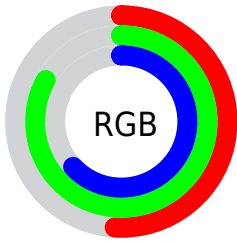
Format	Color
RYB	131, 190, 212
Decimal	8639649
CIELab	78.74, -35.77, 17.58
CIELCh	79, 39.853, 153.830
Yxy	54.4855, 0.2893, 0.4007
Android (android.graphics.Color)	4286829729 (0xFF83D4A1)
YUV	181.9670, -10.3367, -44.6981
Hunter-Lab	73.8143, -34.0500, 17.8044

Details

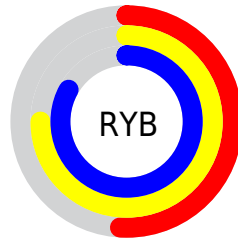
The Hex color **83D4A1** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D483B6**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **BBFFD8**, and **4D9D6D** is the 20% darker color. If you saturate the color by 10%, you get **6ED494**, and if you desaturate by 10%, it is **98D4AE**.

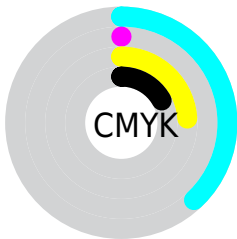
Distribution



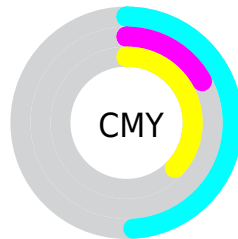
- Red (51%)
- Green (83%)
- Blue (63%)



- Red (51%)
- Yellow (75%)
- Blue (83%)



- Cyan (38%)
- Magenta (0%)
- Yellow (24%)
- Black (17%)



- Cyan (49%)
- Magenta (17%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83D4A1 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 83D4A1 by changing the saturation by 10% instead.

 83D4A1

 83D4A1


FFFFFF

 68B887

 BBFFD8

 4D9D6D

 D7FFF4

 318255

 F4FFFF

 10693D

 005027

 003812

 002400

 000000

 83D4A1

 83D4A1

 6ED494

 98D4AE

 59D486

 ADD4BC

 43D479

 C3D4C9

 2ED46C

 D8D4D6

 19D45E

 EDD4E4

 04D451

 FFD4F1

 00D44F

 FFD4FE

 FFD4FF

Harmonies

Analogous

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



B0CD84



83D4A1



53D7C7

Triad

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



83D4A1



96C5FF



FFAA9B

Complementary

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



83D4A1



D483B6

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.



FFA6BF



83D4A1



CEB8FF

Square

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



83D4A1



58CFFF



F6ACE4



F7B581

Rectangle

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



83D4A1



37D6E0



F6ACE4



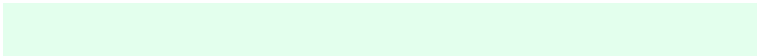
FFA8A7

Sweetspot

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



83D4A1



E3FFED



B6D483



6F8075



000000



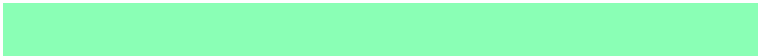
808080

Same Dimension

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



83D4A1



8AFFB5



83D4C9



606B64



00AB3F



002B10

Inverse Universe

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



D483B6



FF8AD4



D4838E



6B6067



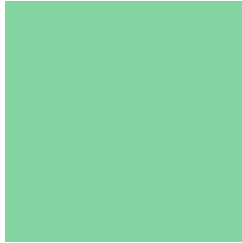
AB006C



2B001B

Previews

White Background



This preview shows how the Hex color 83D4A1 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 83D4A1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

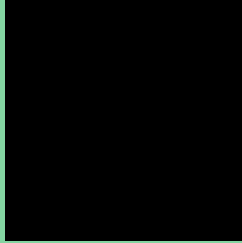
Any Text WCAG AA ✓ Pass

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 83D4A1 Background



This preview shows how black text looks on a background with the Hex color 83D4A1.



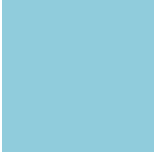
This preview shows how white text looks on a background with the Hex color 83D4A1.

Color Blindness Simulation

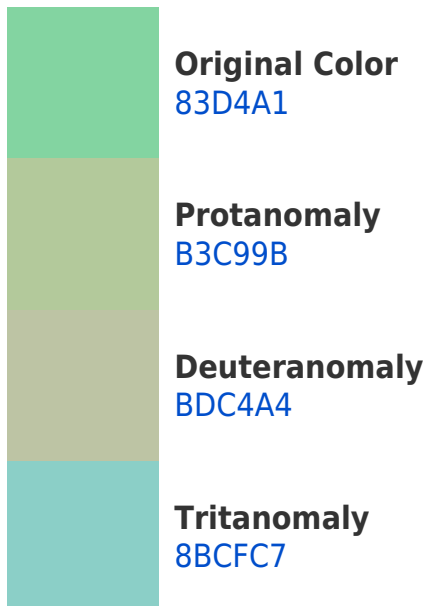
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

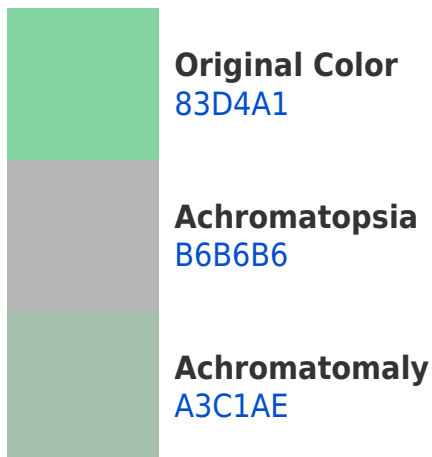




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83D4A1 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 #83D4A1 looks like.

```
.text, #text, p{  
    color:#83D4A1  
}
```

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 #83D4A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83D4A1
}
```

Border

The CSS property to change the border of an element to Hex 83D4A1 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
#83D4A1 }
```

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

```
.border{ border-color:#83D4A1 }
```

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

Here you see how a box with a 4 pixel #83D4A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83D4A1; -webkit-box-shadow:4px 4px  
4px 4px #83D4A1; box-shadow:4px 4px 4px  
4px #83D4A1 }
```

Background

The CSS property to change the background color of an element to Hex 83D4A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83D4A1 }
```

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

```
.background{ background-color:#83D4A1 }
```

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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