

Converting Colors

Hex(83D1A4)

Have a look what the booklet for
Hex(83D1A4) contains.

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Color

Hex(83D1A4)

Conversions

Conversions Part 1

Format	Color
Hex	83D1A4
RGB	131, 209, 164
RGB Percent	51%, 82%, 64%
CMY	0.4863, 0.1804, 0.3569
CMYK	0.37, 0.00, 0.22, 0.18
HSL	145°, 46%, 67%
HSV	145°, 37%, 82%
XYZ	38.8614, 53.1066, 43.3243
YIQ	180.5480, -32.0430, -30.5310

Conversions

Conversions Part 2

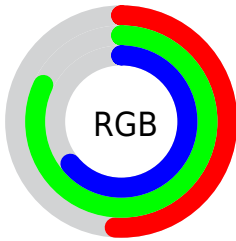
Format	Color
RYB	131, 186, 209
Decimal	8638884
CIELab	77.94, -33.80, 14.86
CIELCh	78, 36.922, 156.269
Yxy	53.1066, 0.2872, 0.3925
Android (android.graphics.Color)	4286828964 (0xFF83D1A4)
YUV	180.5480, -8.1582, -43.4536
Hunter-Lab	72.8742, -32.3419, 15.7636

Details

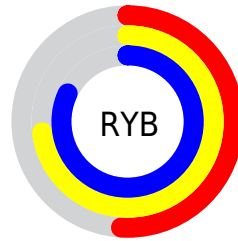
The Hex color **83D1A4** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D183B0**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **BAFFDB**, and **4D9A70** is the 20% darker color. If you saturate the color by 10%, you get **6ED198**, and if you desaturate by 10%, it is **98D1B0**.

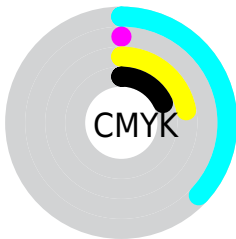
Distribution



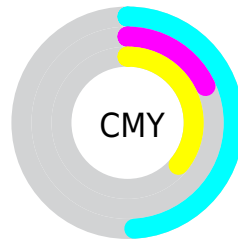
- Red (51%)
- Green (82%)
- Blue (64%)



- Red (51%)
- Yellow (73%)
- Blue (82%)



- Cyan (37%)
- Magenta (0%)
- Yellow (22%)
- Black (18%)



- Cyan (49%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83D1A4 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 83D1A4 by changing the saturation by 10% instead.



83D1A4



83D1A4

FFFFFF



68B58A



BAFFDB



4D9A70



D7FFF8



328058



F4FFFF



136640



004E2A



003615



002200



000000



83D1A4



83D1A4

 6ED198

 98D1B0

 59D18C

 ADD1BC

 44D180

 C2D1C8

 2FD174

 D7D1D4

 1AD168

 EBD1E0

 06D15C

 FFD1EC

 00D158

 FFD1F8

 FFD1FF

Harmonies

Analogous

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



ACCB88



83D1A4



5AD3C7

Triad

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



83D1A4



9DC2FF



FFAB9A

Complementary

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



83D1A4



D183B0

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.



FFA7BB



83D1A4



CEB5F8

Square

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



83D1A4



67CCFF



F2ABDD



EFB583

Rectangle

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



83D1A4



48D3DE



F2ABDD



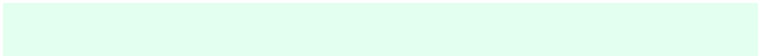
FFA9A4

Sweetspot

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



83D1A4



E3FFEF



B1D183



6F8076



000000



808080

Same Dimension

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



83D1A4



8CFFBD



83D1CA



5E6963



00A847



002911

Inverse Universe

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



D183B0



FF8CCE



D18389



695E64



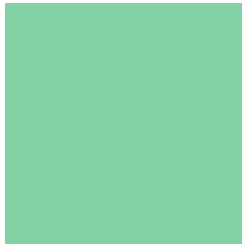
A80061



290018

Previews

White Background



This preview shows how the Hex color 83D1A4 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 83D1A4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

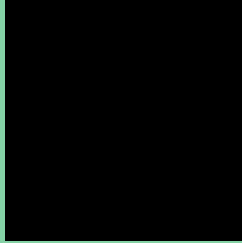
Any Text WCAG AA ✓ Pass

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 83D1A4 Background



This preview shows how black text looks on a background with the Hex color 83D1A4.

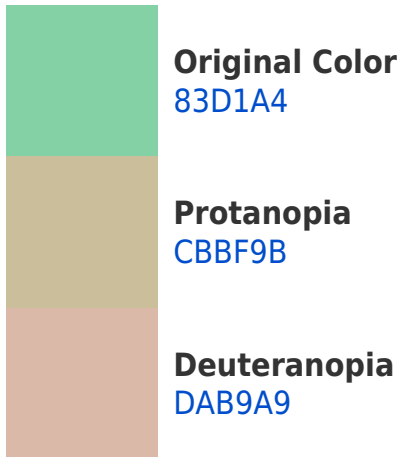


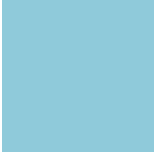
This preview shows how white text looks on a background with the Hex color 83D1A4.

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](#).

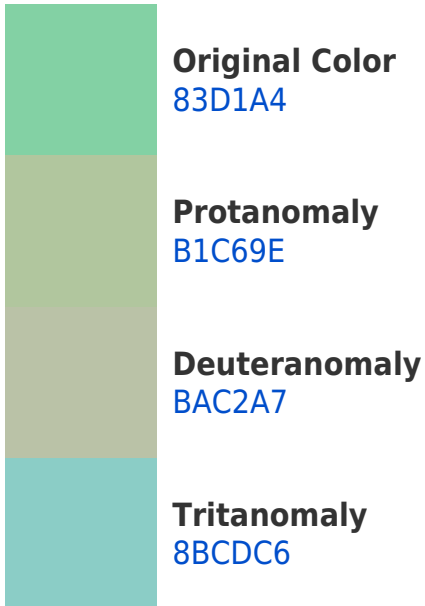
Dichromacy



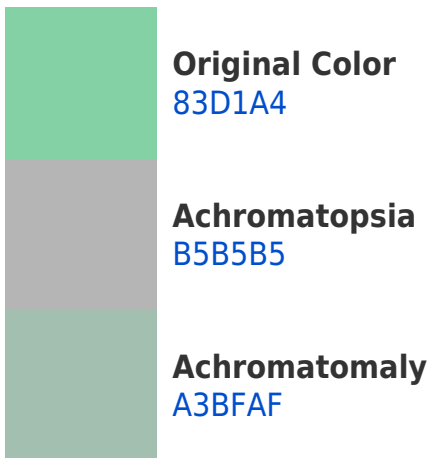


Tritanopia
8FCADA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83D1A4 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 #83D1A4 looks like.

```
.text, #text, p{  
    color:#83D1A4  
}
```

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 #83D1A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83D1A4
}
```

Border

The CSS property to change the border of an element to Hex 83D1A4 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
#83D1A4 }
```

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

```
.border{ border-color:#83D1A4 }
```

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

Here you see how a box with a 4 pixel #83D1A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83D1A4; -webkit-box-shadow:4px 4px  
4px 4px #83D1A4; box-shadow:4px 4px 4px  
4px #83D1A4 }
```

Background

The CSS property to change the background color of an element to Hex 83D1A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83D1A4 }
```

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

```
.background{ background-color:#83D1A4 }
```

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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