

Converting Colors

Hex(81DBC4)

Have a look what the booklet for
Hex(81DBCA) contains.

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Color

Hex(81DBC4)

Conversions

Conversions Part 1

Format	Color
Hex	81DBCA
RGB	129, 219, 202
RGB Percent	51%, 86%, 79%
CMY	0.4941, 0.1412, 0.2078
CMYK	0.41, 0.00, 0.08, 0.14
HSL	169°, 56%, 68%
HSV	169°, 41%, 86%
XYZ	45.0454, 59.5944, 65.0058
YIQ	190.1520, -48.1830, -24.3670

Conversions

Conversions Part 2

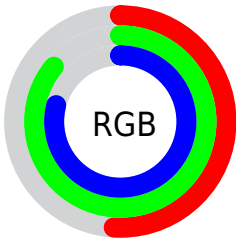
Format	Color
RYB	129, 179, 219
Decimal	8510410
CIELab	81.62, -30.93, -0.10
CIELCh	82, 30.935, 180.188
Yxy	59.5944, 0.2655, 0.3513
Android (android.graphics.Color)	4286700490 (0xFF81DBCA)
YUV	190.1520, 5.8411, -53.6303
Hunter-Lab	77.1974, -30.9390, 4.1117

Details

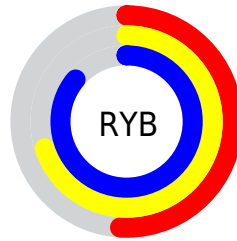
The Hex color **81DBCA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DB8192**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **BAFFFF**, and **49A494** is the 20% darker color. If you saturate the color by 10%, you get **6BDBC6**, and if you desaturate by 10%, it is **97DBCE**.

Distribution



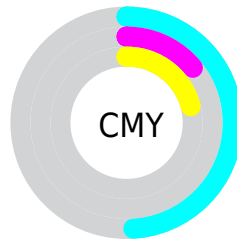
- Red (51%)
- Green (86%)
- Blue (79%)



- Red (51%)
- Yellow (70%)
- Blue (86%)



- Cyan (41%)
- Magenta (0%)
- Yellow (8%)
- Black (14%)



- Cyan (49%)
- Magenta (14%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81DBCA 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 81DBCA by changing the saturation by 10% instead.

 81DBCA

 81DBCA

FFFFFF

 65BFAF

 BAFFFF

 49A494

 D7FFFF

 2A897A

 F4FFFF

 006F61

 00564A

 003E33

 00281E

 000B06

 000000

 81DBCA

 81DBCA

 6BDBC6

 97DBCE

 55DBC2

 ADDBD2

 3FDDBE

 C3DBD6

 29DBB9

 D9DBDB

 14DBB5

 EFDBDF

 00DBB2

 FFDBE3

 FFDBE7

 FFDBEB

 FFDBEF

Harmonies

Analogous

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



9FD8AD



81DBCA



72DAE7

Triad

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



81DBCA



CFC3FD



F8BF99

Complementary

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



81DBCA



DB8192

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.



FFB8AF



81DBCA



F0BAE8

Square

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



81DBCA



A7CDFE



FFB6CC



E0C991

Rectangle

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



81DBCA



79D7F6



FFB6CC



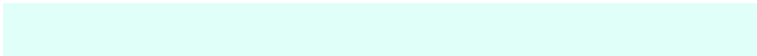
FDBC9F

Sweetspot

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



81DBCA



E0FFF9



93DB81



6E807C



000000



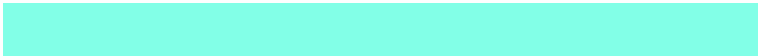
808080

Same Dimension

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



81DBCA



82FFE7



81C0DB



636E6C



00AD8D



002E25

Inverse Universe

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



DB8192



FF829A



DB9C81



6E6365



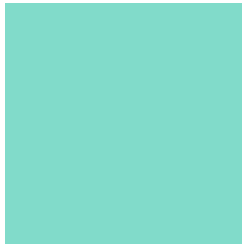
AD0021



2E0009

Previews

White Background



This preview shows how the Hex color 81DBCA looks on a white background.

Color Contrast Check

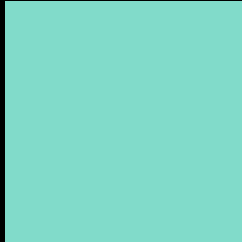
Large Text (above 18pt) WCAG AA × Fail

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 81DBCA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

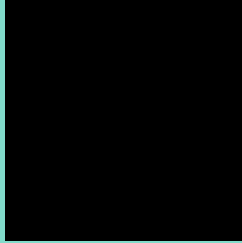
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

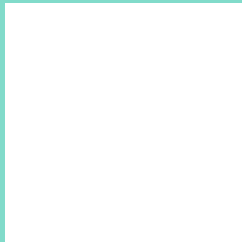
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 81DBCA Background



This preview shows how black text looks on a background with the Hex color 81DBCA.

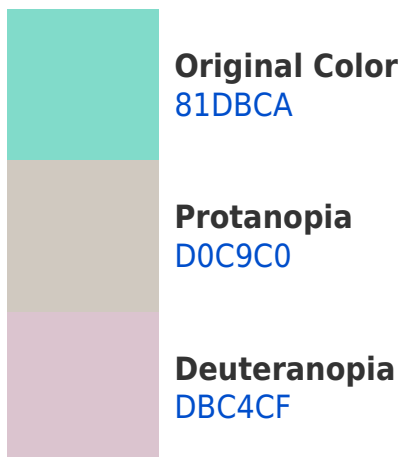


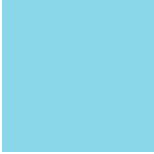
This preview shows how white text looks on a background with the Hex color 81DBCA.

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
89D7E8

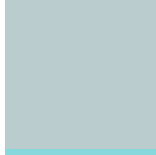
Trichromacy



Original Color
81DBCA



Protanomaly
B3D0C4



Deuteranomaly
BACCCD

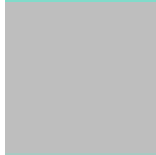


Tritanomaly
86D8DD

Monochromacy



Original Color
81DBCA



Achromatopsia
BEBEBE



Achromatomaly
A8C9C2

CSS Examples

Text

The CSS property to change the color of the text to Hex 81DBCA 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 #81DBCA looks like.

```
.text, #text, p{  
    color:#81DBCA  
}
```

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 #81DBCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81DBCA
}
```

Border

The CSS property to change the border of an element to Hex 81DBCA 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
#81DBCA }
```

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

```
.border{ border-color:#81DBCA }
```

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

Here you see how a box with a 4 pixel #81DBCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81DBCA; -webkit-box-shadow:4px 4px  
4px 4px #81DBCA; box-shadow:4px 4px 4px  
4px #81DBCA }
```

Background

The CSS property to change the background color of an element to Hex 81DBCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81DBCA }
```

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

```
.background{ background-color:#81DBCA }
```

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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