

Converting Colors

Hex(81DDCB)

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

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Color

Hex(81DDCB)

Conversions

Conversions Part 1

Format	Color
Hex	81DDCB
RGB	129, 221, 203
RGB Percent	51%, 87%, 80%
CMY	0.4941, 0.1333, 0.2039
CMYK	0.42, 0.00, 0.08, 0.13
HSL	168°, 58%, 69%
HSV	168°, 42%, 87%
XYZ	45.6892, 60.6918, 65.8065
YIQ	191.4400, -49.0540, -25.1020

Conversions

Conversions Part 2

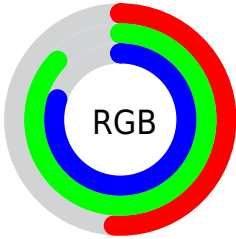
Format	Color
RYB	129, 180, 221
Decimal	8510923
CIELab	82.21, -31.65, 0.24
CIELCh	82, 31.655, 179.572
Yxy	60.6918, 0.2653, 0.3525
Android (android.graphics.Color)	4286701003 (0xFF81DDCB)
YUV	191.4400, 5.6991, -54.7599
Hunter-Lab	77.9050, -31.6481, 4.4510

Details

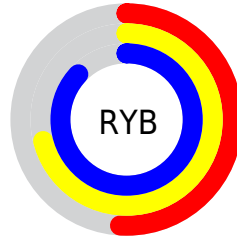
The Hex color **81DDCB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DD8193**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **BAFFFF**, and **48A595** is the 20% darker color. If you saturate the color by 10%, you get **6BDDC7**, and if you desaturate by 10%, it is **97DDCF**.

Distribution



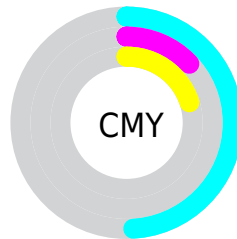
- Red (51%)
- Green (87%)
- Blue (80%)



- Red (51%)
- Yellow (71%)
- Blue (87%)



- Cyan (42%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)



- Cyan (49%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 81DDCB

 81DDCB

FFFFFF

 65C1B0

 BAFFFF

 48A595

 D7FFFF

 2A8B7B

 F4FFFF

 007162

 00584B

 004034

 002A1F

 000F07

 000000

 81DDCB

 81DDCB

 6BDDC7

 97DDCF

 55DDC2

 ADDDD4

 3FDDBE

 C3DDD8

 29DDBA

 D9DDDC

 13DDB5

 F0DDE1

 00DDB2

 FFDDE5

 FFDDE9

 FFDDEE

 FFDDF2

Harmonies

Analogous

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



A0DAAE



81DDCB



71DCE9

Triad

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



81DDCB



D0C5FF



FBC09A

Complementary

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



81DDCB



DD8193

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.



FFB9B1



81DDCB



F2BCEB

Square

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



81DDCB



A6CFFF



FFB7CE



E2CA91

Rectangle

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



81DDCB



78DAF9



FFB7CE



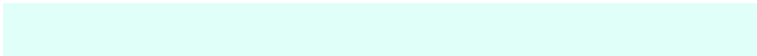
FFBDA0

Sweetspot

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



81DDCB



E0FFF9



93DD81



6E807C



000000



808080

Same Dimension

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



81DDCB



80FFE6



81C1DD



636E6C



00AD8B



002E25

Inverse Universe

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



DD8193



FF8098



DD9D81



6E6365



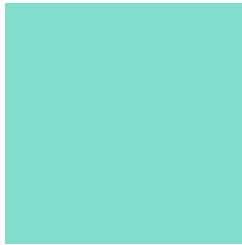
AD0022



2E0009

Previews

White Background



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

Color Contrast Check

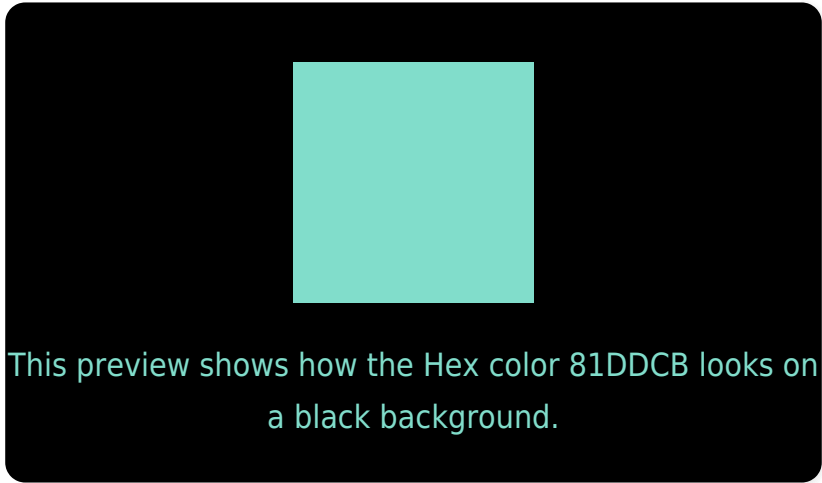
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 81DDCB Background



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

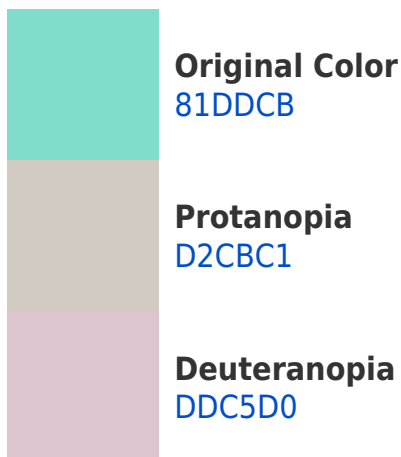


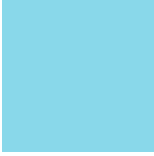
This preview shows how white text looks on a background with the Hex color 81DDCB.

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](#).

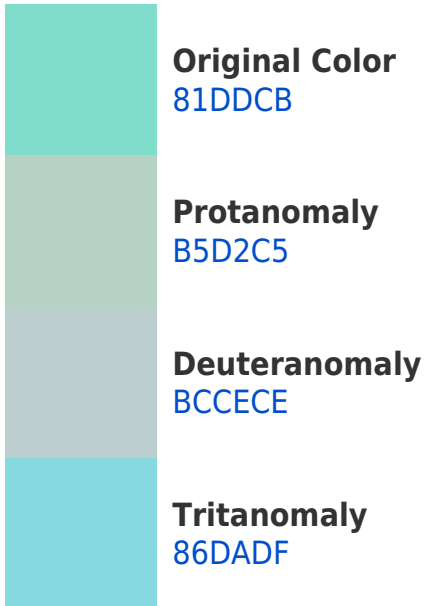
Dichromacy



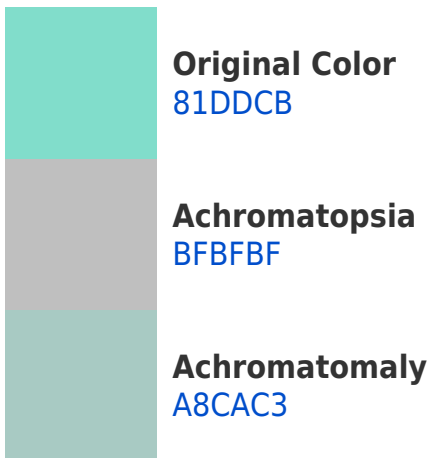


Tritanopia
89D8EA

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #81DDCB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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