

Converting Colors

Hex(81D7DB)

Have a look what the booklet for
Hex(81D7DB) contains.

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Color

Hex(81D7DB)

Conversions

Conversions Part 1

Format	Color
Hex	81D7DB
RGB	129, 215, 219
RGB Percent	51%, 84%, 86%
CMY	0.4941, 0.1569, 0.1412
CMYK	0.41, 0.02, 0.00, 0.14
HSL	183°, 56%, 68%
HSV	183°, 41%, 86%
XYZ	46.1399, 58.3825, 75.8549
YIQ	189.7420, -52.5400, -16.9880

Conversions

Conversions Part 2

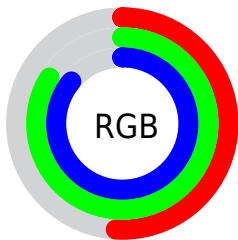
Format	Color
RYB	129, 173, 219
Decimal	8509403
CIELab	80.95, -24.93, -10.14
CIELCh	81, 26.915, 202.135
Yxy	58.3825, 0.2558, 0.3237
Android (android.graphics.Color)	4286699483 (0xFF81D7DB)
YUV	189.7420, 14.4242, -53.2707
Hunter-Lab	76.4084, -25.9260, -5.3746

Details

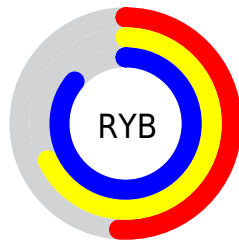
The Hex color **81D7DB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DB8581**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **BAFFFF**, and **48A0A4** is the 20% darker color. If you saturate the color by 10%, you get **6BD6DB**, and if you desaturate by 10%, it is **97D8DB**.

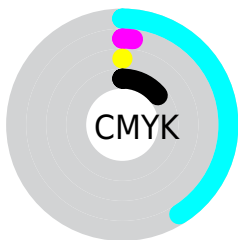
Distribution



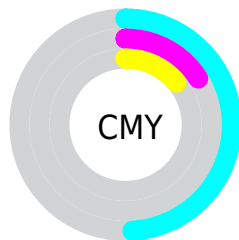
- Red (51%)
- Green (84%)
- Blue (86%)



- Red (51%)
- Yellow (68%)
- Blue (86%)



- Cyan (41%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



- Cyan (49%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81D7DB 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 81D7DB by changing the saturation by 10% instead.

 81D7DB

 81D7DB

FFFFFF

 65BBBF

 BAFFFF

 48A0A4

 D7FFFF

 28868A

 F5FFFF

 006C70

 005358

 003C41

 00262B

 000817

 000000

 81D7DB

 81D7DB

 6BD6DB

 97D8DB

 55D5DB

 ADD9DB

 3FD4DB

 C3DADB

 29D3DB

 D9DBDB

 14D2DB

 EFDCDB

 00D1DB

 FFDDDB

 FFDEDB

 FFDFDB

 FFE0DB

Harmonies

Analogous

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



91D7C1



81D7DB



87D4F0

Triad

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



81D7DB



E3BDE8



E2C597

Complementary

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



81D7DB



DB8581

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.



F5BDA2



81D7DB



F7B7D1

Square

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



81D7DB



C4C5F7



FDB8B7



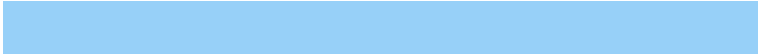
C8CD9A

Rectangle

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



81D7DB



97D0F8



FDB8B7



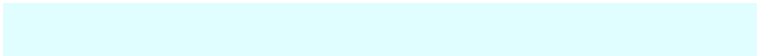
E9C29A

Sweetspot

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



81D7DB



E0FEFF



81DB84



6E7F80



000000



808080

Same Dimension

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



81D7DB



82F9FF



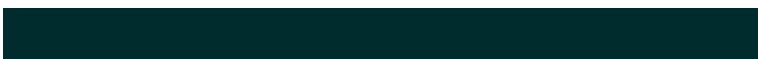
81ABDB



636D6E



00A6AD



002C2E

Inverse Universe

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



DB81D7



FF82F9



DBB181



6E636D



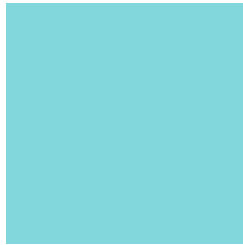
AD00A6



2E002C

Previews

White Background



This preview shows how the Hex color 81D7DB looks on a white background.

Color Contrast Check

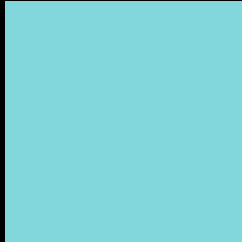
Large Text (above 18pt) WCAG AA × Fail

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 81D7DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

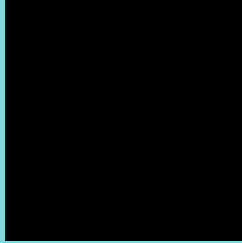
Any Text WCAG AA ✓ Pass

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 81D7DB Background



This preview shows how black text looks on a background with the Hex color 81D7DB.

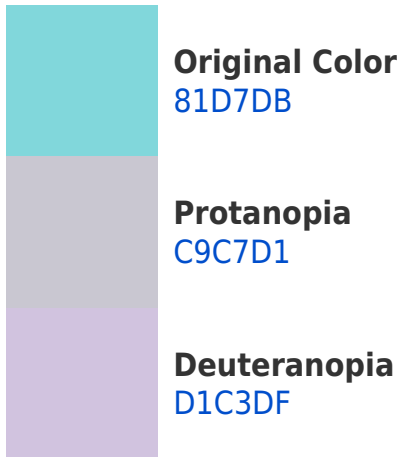


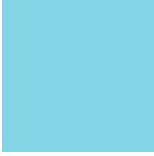
This preview shows how white text looks on a background with the Hex color 81D7DB.

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](#).

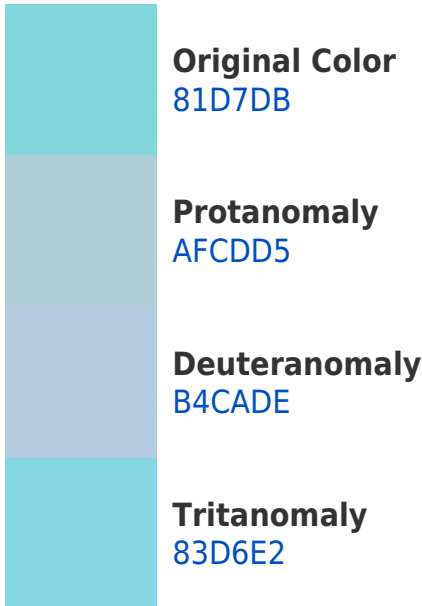
Dichromacy



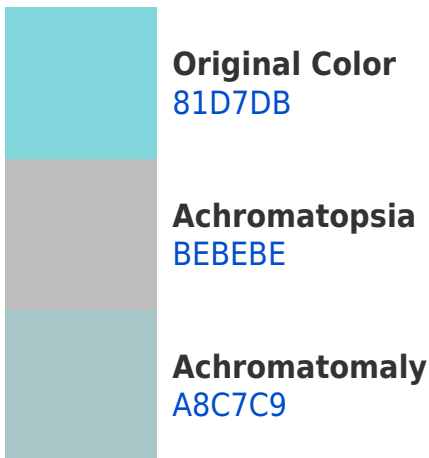


Tritanopia
84D5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81D7DB 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 #81D7DB looks like.

```
.text, #text, p{  
    color:#81D7DB  
}
```

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 #81D7DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81D7DB
}
```

Border

The CSS property to change the border of an element to Hex 81D7DB 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
#81D7DB }
```

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

```
.border{ border-color:#81D7DB }
```

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

Here you see how a box with a 4 pixel #81D7DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81D7DB; -webkit-box-shadow:4px 4px  
4px 4px #81D7DB; box-shadow:4px 4px 4px  
4px #81D7DB }
```

Background

The CSS property to change the background color of an element to Hex 81D7DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81D7DB }
```

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

```
.background{ background-color:#81D7DB }
```

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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