

Converting Colors

Hex(81D8D2)

Have a look what the booklet for
Hex(81D8D2) contains.

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Color

Hex(81D8D2)

Conversions

Conversions Part 1

Format	Color
Hex	81D8D2
RGB	129, 216, 210
RGB Percent	51%, 85%, 82%
CMY	0.4941, 0.1529, 0.1765
CMYK	0.40, 0.00, 0.03, 0.15
HSL	176°, 53%, 68%
HSV	176°, 40%, 85%
XYZ	45.2420, 58.4320, 69.8668
YIQ	189.3030, -49.9260, -20.3100

Conversions

Conversions Part 2

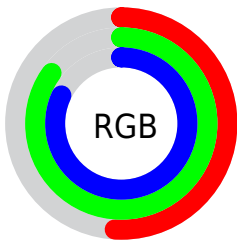
Format	Color
RYB	129, 174, 216
Decimal	8509650
CIELab	80.98, -27.62, -5.30
CIElCh	81, 28.119, 190.865
Yxy	58.4320, 0.2607, 0.3367
Android (android.graphics.Color)	4286699730 (0xFF81D8D2)
YUV	189.3030, 10.2036, -52.8857
Hunter-Lab	76.4408, -28.1251, -0.6824

Details

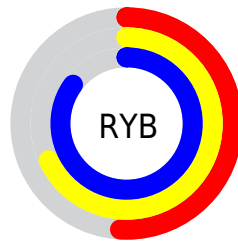
The Hex color **81D8D2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D88187**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **BAFFFF**, and **49A19C** is the 20% darker color. If you saturate the color by 10%, you get **6BD8D1**, and if you desaturate by 10%, it is **97D8D3**.

Distribution



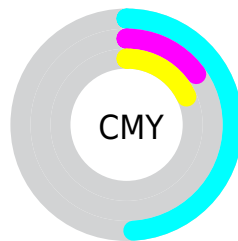
- Red (51%)
- Green (85%)
- Blue (82%)



- Red (51%)
- Yellow (68%)
- Blue (85%)



- Cyan (40%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)



- Cyan (49%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81D8D2 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 81D8D2 by changing the saturation by 10% instead.

 81D8D2

 81D8D2

FFFFFF

 65BCB6

 BAFFFF

 49A19C

 D7FFFF

 2A8682

 F4FFFF

 006D69

 005450

 003C3A

 002624

 00070F

 000000

 81D8D2

 81D8D2

 6BD8D1

 97D8D3

 56D8CF

 ACD8D5

 40D8CE

 C2D8D6

 2BD8CC

 D7D8D8

 15D8CB

 EDD8D9

 00D8C9

 FFD8DB

 FFD8DC

 FFD8DE

 FFD8DF

Harmonies

Analogous

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



98D7B7



81D8D2



7DD6EB

Triad

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



81D8D2



D9BFF1



EBC298

Complementary

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



81D8D2



D88187

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.



FBBA8



81D8D2



F3B8DB

Square

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



81D8D2



B6C8FC



FEB6C0



D3CA95

Rectangle

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



81D8D2



89D3F6



FEB6C0



F2BF9C

Sweetspot

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



81D8D2



E0FFFD



88D881



6E807E



000000



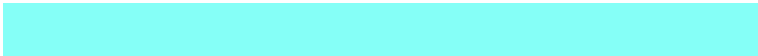
808080

Same Dimension

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



81D8D2



85FFF7



81B4D8



606B6A



00AB9F



002B28

Inverse Universe

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



D88187



FF858D



D8A581



6B6061



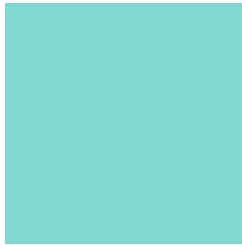
AB000C



2B0003

Previews

White Background



This preview shows how the Hex color 81D8D2 looks on a white background.

Color Contrast Check

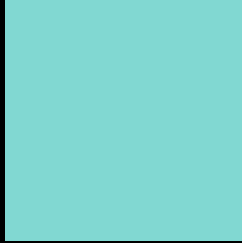
Large Text (above 18pt) WCAG AA × Fail

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 81D8D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

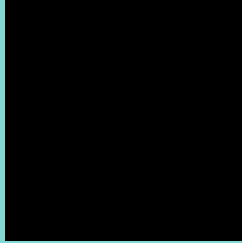
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

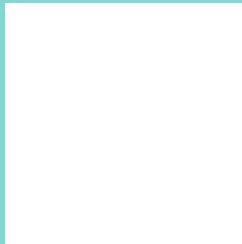
Any Text WCAG AAA ✓ Pass

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

Hex 81D8D2 Background



This preview shows how black text looks on a background with the Hex color 81D8D2.

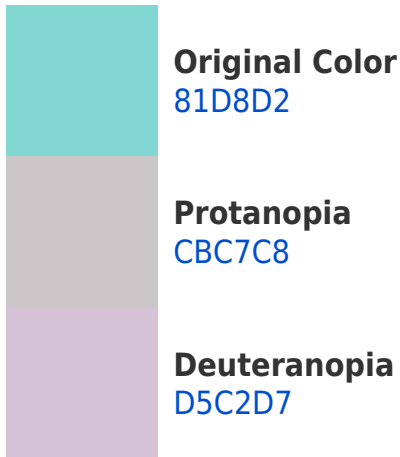


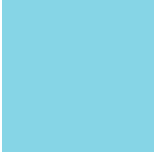
This preview shows how white text looks on a background with the Hex color 81D8D2.

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
86D5E6

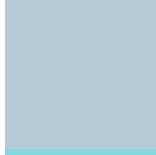
Trichromacy



Original Color
81D8D2



Protanomaly
B0CDCC



Deuteranomaly
B6CAD5

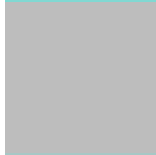


Tritanomaly
84D6DF

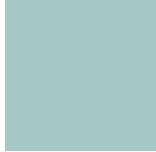
Monochromacy



Original Color
81D8D2



Achromatopsia
BDBDBD



Achromatomaly
A7C7C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 81D8D2 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 #81D8D2 looks like.

```
.text, #text, p{  
    color:#81D8D2  
}
```

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 #81D8D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81D8D2
}
```

Border

The CSS property to change the border of an element to Hex 81D8D2 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
#81D8D2 }
```

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

```
.border{ border-color:#81D8D2 }
```

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

Here you see how a box with a 4 pixel #81D8D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81D8D2; -webkit-box-shadow:4px 4px  
4px 4px #81D8D2; box-shadow:4px 4px 4px  
4px #81D8D2 }
```

Background

The CSS property to change the background color of an element to Hex 81D8D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81D8D2 }
```

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

```
.background{ background-color:#81D8D2 }
```

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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