

Converting Colors

Hex(81D6C0)

Have a look what the booklet for
Hex(81D6C0) contains.

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Color

Hex(81D6C0)

Conversions

Conversions Part 1

Format	Color
Hex	81D6C0
RGB	129, 214, 192
RGB Percent	51%, 84%, 75%
CMY	0.4941, 0.1608, 0.2471
CMYK	0.40, 0.00, 0.10, 0.16
HSL	164°, 51%, 67%
HSV	164°, 40%, 84%
XYZ	42.6143, 56.5660, 58.5415
YIQ	186.0770, -43.5980, -24.8620

Conversions

Conversions Part 2

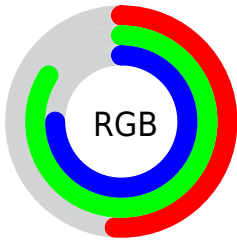
Format	Color
RYB	129, 178, 214
Decimal	8509120
CIELab	79.93, -30.83, 2.78
CIELCh	80, 30.952, 174.854
Yxy	56.5660, 0.2702, 0.3586
Android (android.graphics.Color)	4286699200 (0xFF81D6C0)
YUV	186.0770, 2.9200, -50.0565
Hunter-Lab	75.2104, -30.4800, 6.4977

Details

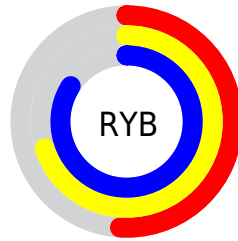
The Hex color **81D6C0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D68197**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **B9FFF8**, and **4A9F8B** is the 20% darker color. If you saturate the color by 10%, you get **6CD6BA**, and if you desaturate by 10%, it is **96D6C6**.

Distribution



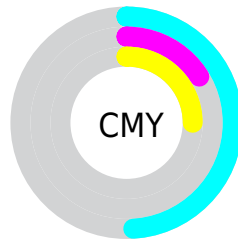
- Red (51%)
- Green (84%)
- Blue (75%)



- Red (51%)
- Yellow (70%)
- Blue (84%)



- Cyan (40%)
- Magenta (0%)
- Yellow (10%)
- Black (16%)




- Cyan (49%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81D6C0 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 81D6C0 by changing the saturation by 10% instead.

 81D6C0

 81D6C0

FFFFFF

 65BAA5

 B9FFF8

 4A9F8B

 D6FFF8

 2D8471

 F3FFF8

 036B59


 005241

 003A2B

 002517

 000000

 81D6C0

 81D6C0

 6CD6BA

 96D6C6

 56D6B5

 ACD6CB

 41D6AF

 C1D6D1

 2BD6AA

 D7D6D6

 16D6A4

 ECD6DC

 01D69F

 FFD6E1

 00D69F

 FFD6E7

 FFD6EC

 FFD6F2

Harmonies

Analogous

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



A0D3A4



81D6C0



6ED6DD

Triad

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



81D6C0



C4C1FA



F6B998

Complementary

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



81D6C0



D68197

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.



FFB2AF



81D6C0



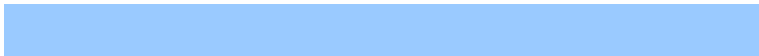
E7B7E8

Square

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



81D6C0



9ACAFF



FCB1CC



E0C38D

Rectangle

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



81D6C0



71D4EE



FCB1CC



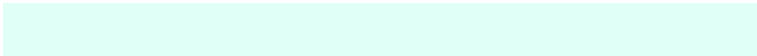
FBB69F

Sweetspot

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



81D6C0



E0FFF7



98D681



6E807B



000000



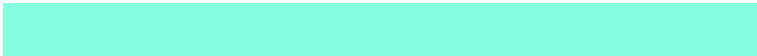
808080

Same Dimension

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



81D6C0



85FFDF



81C2D6



606B68



00AB7F



002B20

Inverse Universe

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



D68197



FF85A4



D69581



6B6063



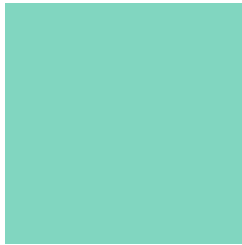
AB002C



2B000B

Previews

White Background



This preview shows how the Hex color 81D6C0 looks on a white background.

Color Contrast Check

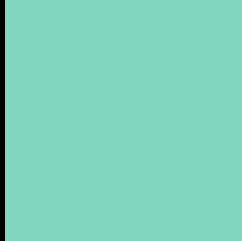
Large Text (above 18pt) WCAG AA × Fail

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 81D6C0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

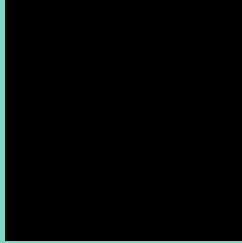
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

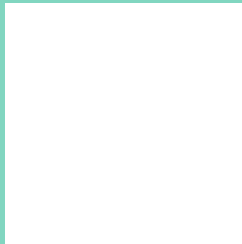
Any Text WCAG AAA ✓ Pass

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

Hex 81D6C0 Background



This preview shows how black text looks on a background with the Hex color 81D6C0.

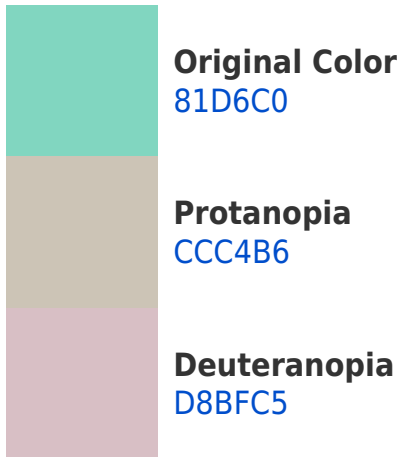


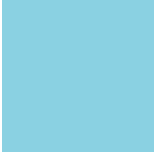
This preview shows how white text looks on a background with the Hex color 81D6C0.

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
8AD1E2

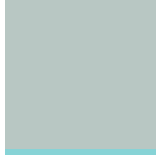
Trichromacy



Original Color
81D6C0



Protanomaly
B1CBBA



Deuteranomaly
B8C7C3

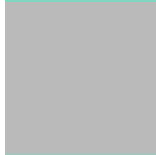


Tritanomaly
87D3D6

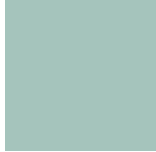
Monochromacy



Original Color
81D6C0



Achromatopsia
BABABA



Achromatomaly
A5C4BC

CSS Examples

Text

The CSS property to change the color of the text to Hex 81D6C0 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 #81D6C0 looks like.

```
.text, #text, p{  
    color:#81D6C0  
}
```

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 #81D6C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81D6C0
}
```

Border

The CSS property to change the border of an element to Hex 81D6C0 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
#81D6C0 }
```

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

```
.border{ border-color:#81D6C0 }
```

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

Here you see how a box with a 4 pixel #81D6C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81D6C0; -webkit-box-shadow:4px 4px  
4px 4px #81D6C0; box-shadow:4px 4px 4px  
4px #81D6C0 }
```

Background

The CSS property to change the background color of an element to Hex 81D6C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81D6C0 }
```

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

```
.background{ background-color:#81D6C0 }
```

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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