

Converting Colors

Hex(80D1C3)

Have a look what the booklet for
Hex(80D1C3) contains.

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Color

Hex(80D1C3)

Conversions

Conversions Part 1

Format	Color
Hex	80D1C3
RGB	128, 209, 195
RGB Percent	50%, 82%, 76%
CMY	0.4980, 0.1804, 0.2353
CMYK	0.39, 0.00, 0.07, 0.18
HSL	170°, 47%, 66%
HSV	170°, 39%, 82%
XYZ	41.5529, 54.1303, 59.8879
YIQ	183.1850, -43.7820, -21.5260

Conversions

Conversions Part 2

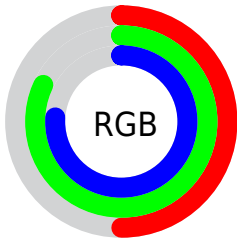
Format	Color
RYB	128, 172, 209
Decimal	8442307
CIELab	78.54, -28.01, -0.87
CIElCh	79, 28.022, 181.780
Yxy	54.1303, 0.2671, 0.3479
Android (android.graphics.Color)	4286632387 (0xFF80D1C3)
YUV	183.1850, 5.8248, -48.3972
Hunter-Lab	73.5733, -27.9396, 3.2398

Details

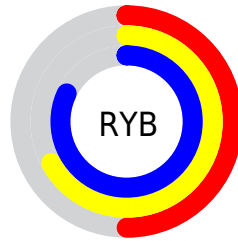
The Hex color **80D1C3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D1808E**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **B8FFFB**, and **499A8D** is the 20% darker color. If you saturate the color by 10%, you get **6BD1BF**, and if you desaturate by 10%, it is **95D1C7**.

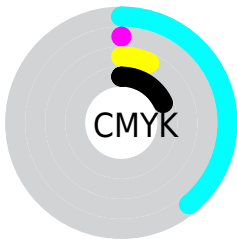
Distribution



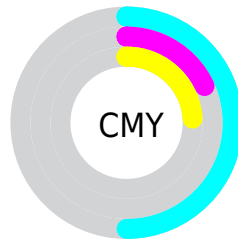
- Red (50%)
- Green (82%)
- Blue (76%)



- Red (50%)
- Yellow (67%)
- Blue (82%)



- Cyan (39%)
- Magenta (0%)
- Yellow (7%)
- Black (18%)



- Cyan (50%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80D1C3 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 80D1C3 by changing the saturation by 10% instead.

 80D1C3

 80D1C3

FFFFFF

 65B5A8

 B8FFFB

 499A8D

 D5FFFF

 2C8074

 F2FFFF

 03675B

 004E44

 00372E

 002219

 000000

 80D1C3

 80D1C3

 6BD1BF

 95D1C7

 56D1BC

 AAD1CA

 41D1B8

 BFD1CE

 2CD1B5

 D4D1D1

 18D1B1

 E9D1D5

 03D1AD

 FDD1D9

 00D1AD

 FFD1DC

 FFD1E0

 FFD1E4

Harmonies

Analogous

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



9ACFA9



80D1C3



75D0DD

Triad

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



80D1C3



C8BBEF



EAB895

Complementary

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



80D1C3



D1808E

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.



F6B2A8



80D1C3



E5B3DB

Square

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



80D1C3



A4C4F6



F5AFC2



D4C18E

Rectangle

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



80D1C3



7CCDEA



F5AFC2



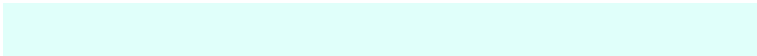
EFB69A

Sweetspot

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



80D1C3



E0FFFA



8FD180



6E807C



000000



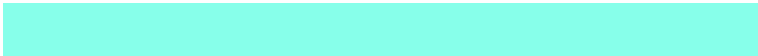
808080

Same Dimension

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



80D1C3



87FFEA



80B7D1



5E6967



00A88B



002922

Inverse Universe

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



D1808E



FF879C



D19A80



695E60



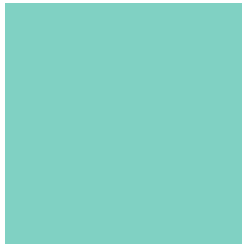
A8001D



290007

Previews

White Background



This preview shows how the Hex color 80D1C3 looks on a white background.

Color Contrast Check

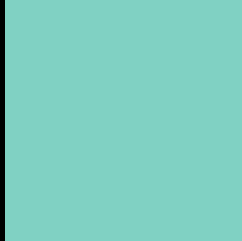
Large Text (above 18pt) WCAG AA × Fail

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 80D1C3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

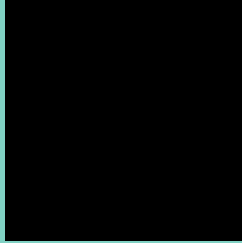
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

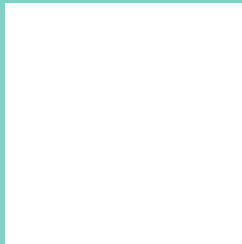
Any Text WCAG AAA ✓ Pass

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

Hex 80D1C3 Background



This preview shows how black text looks on a background with the Hex color 80D1C3.

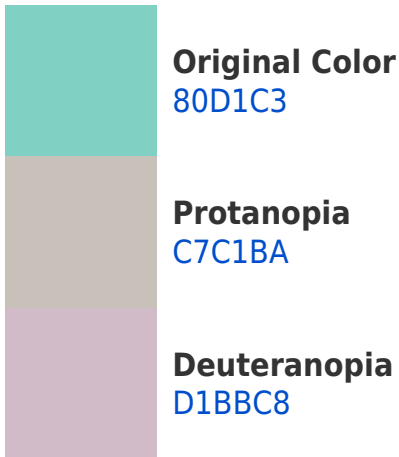


This preview shows how white text looks on a background with the Hex color 80D1C3.

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
87CDDE

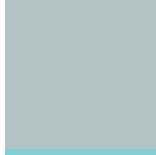
Trichromacy



Original Color
80D1C3



Protanomaly
ADC7BD



Deuteranomaly
B4C3C6

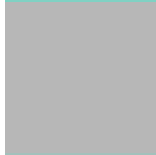


Tritanomaly
84CED4

Monochromacy



Original Color
80D1C3



Achromatopsia
B7B7B7



Achromatomaly
A3C0BB

CSS Examples

Text

The CSS property to change the color of the text to Hex 80D1C3 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 #80D1C3 looks like.

```
.text, #text, p{  
    color:#80D1C3  
}
```

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 #80D1C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80D1C3
}
```

Border

The CSS property to change the border of an element to Hex 80D1C3 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
#80D1C3 }
```

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

```
.border{ border-color:#80D1C3 }
```

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

Here you see how a box with a 4 pixel #80D1C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80D1C3; -webkit-box-shadow:4px 4px  
4px 4px #80D1C3; box-shadow:4px 4px 4px  
4px #80D1C3 }
```

Background

The CSS property to change the background color of an element to Hex 80D1C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80D1C3 }
```

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

```
.background{ background-color:#80D1C3 }
```

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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