

Converting Colors

Hex(82D0DB)

Have a look what the booklet for
Hex(82D0DB) contains.

Hex(82D0DB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(82D0DB)

Conversions

Conversions Part 1

Format	Color
Hex	82D0DB
RGB	130, 208, 219
RGB Percent	51%, 82%, 86%
CMY	0.4902, 0.1843, 0.1412
CMYK	0.41, 0.05, 0.00, 0.14
HSL	187°, 55%, 68%
HSV	187°, 41%, 86%
XYZ	44.5480, 54.9720, 75.2806
YIQ	185.9320, -50.0190, -13.1150

Conversions

Conversions Part 2

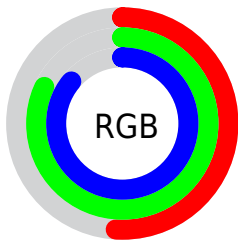
Format	Color
RYB	130, 172, 219
Decimal	8573147
CIELab	79.03, -21.20, -13.01
CIELCh	79, 24.878, 211.540
Yxy	54.9720, 0.2549, 0.3145
Android (android.graphics.Color)	4286763227 (0xFF82D0DB)
YUV	185.9320, 16.3025, -49.0524
Hunter-Lab	74.1431, -22.5010, -8.2994

Details

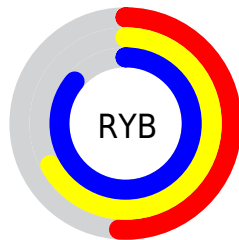
The Hex color **82D0DB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DB8D82**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **BBFFFF**, and **4A99A4** is the 20% darker color. If you saturate the color by 10%, you get **6CCDDB**, and if you desaturate by 10%, it is **98D3DB**.

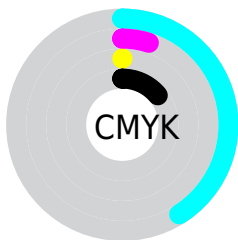
Distribution



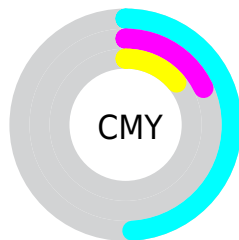
- Red (51%)
- Green (82%)
- Blue (86%)



- Red (51%)
- Yellow (67%)
- Blue (86%)



- Cyan (41%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (49%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82D0DB 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 82D0DB by changing the saturation by 10% instead.

 82D0DB

 82D0DB

FFFFFF

 66B4BF

 BBFFFF

 4A99A4

 D8FFFF

 2C7F8A

 F5FFFF

 006670

 004E58

 003741

 00222B

 000117

 000000

 82D0DB

 82D0DB

 6CCDDB

 98D3DB

 56CBDB

 AED5DB

 40C8DB

 C4D8DB

 2AC5DB

 DADBDB

 15C2DB

 F0DEDB

 00C0DB

 FFE0DB

 FFE3DB

 FFE6DB

 FFE8DB

Harmonies

Analogous

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



8AD1C4



82D0DB



8ECCEC

Triad

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



82D0DB



E3B6DA



D4C296

Complementary

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



82D0DB



DB8D82

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.



E8BB9C



82D0DB



F1B3C3

Square

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



82D0DB



C9BDEB



F3B5AD



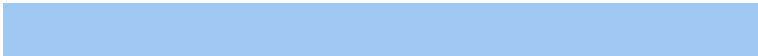
BBCA9C

Rectangle

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



82D0DB



9FC8F1



F3B5AD



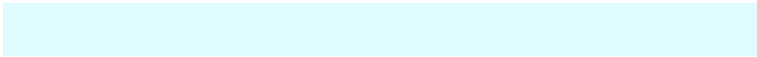
DBC096

Sweetspot

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



82D0DB



E0FBFF



82DB8C



6E7D80



000000



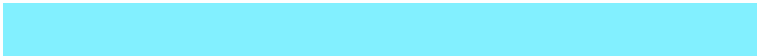
808080

Same Dimension

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



82D0DB



82F0FF



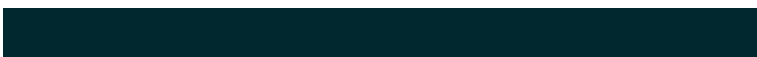
82A4DB



636C6E



0098AD



00282E

Inverse Universe

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



DB82D0



FF82F0



DBB982



6E636C



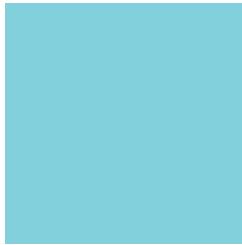
AD0098



2E0028

Previews

White Background



This preview shows how the Hex color 82D0DB looks on a white background.

Color Contrast Check

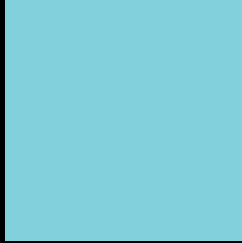
Large Text (above 18pt) WCAG AA × Fail

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 82D0DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

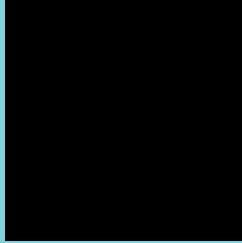
Any Text WCAG AA ✓ Pass

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 82D0DB Background



This preview shows how black text looks on a background with the Hex color 82D0DB.

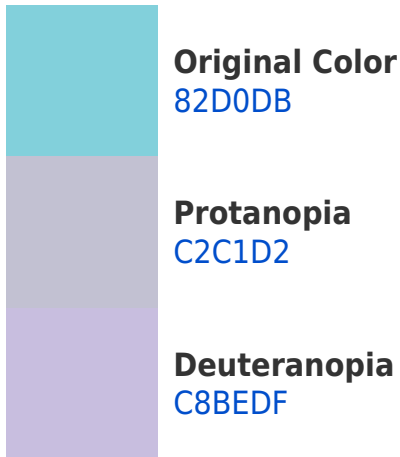


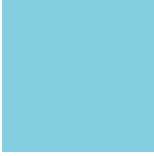
This preview shows how white text looks on a background with the Hex color 82D0DB.

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
83CFE0

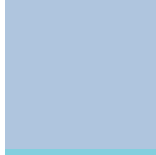
Trichromacy



Original Color
82D0DB



Protanomaly
ABC6D5



Deuteranomaly
AFC5DE

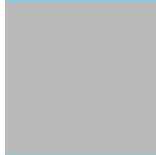


Tritanomaly
83CFDE

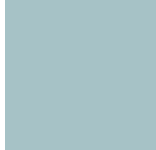
Monochromacy



Original Color
82D0DB



Achromatopsia
BABABA



Achromatomaly
A6C2C6

CSS Examples

Text

The CSS property to change the color of the text to Hex 82D0DB 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 #82D0DB looks like.

```
.text, #text, p{  
    color:#82D0DB  
}
```

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 #82D0DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82D0DB  
}
```

Border

The CSS property to change the border of an element to Hex 82D0DB 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  
#82D0DB }
```

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

```
.border{ border-color:#82D0DB }
```

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

Here you see how a box with a 4 pixel #82D0DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82D0DB; -webkit-box-shadow:4px 4px  
4px 4px #82D0DB; box-shadow:4px 4px 4px  
4px #82D0DB }
```

Background

The CSS property to change the background color of an element to Hex 82D0DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82D0DB }
```

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

```
.background{ background-color:#82D0DB }
```

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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