

Converting Colors

Hex(82D8C0)

Have a look what the booklet for
Hex(82D8C0) contains.

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Color

Hex(82D8C0)

Conversions

Conversions Part 1

Format	Color
Hex	82D8C0
RGB	130, 216, 192
RGB Percent	51%, 85%, 75%
CMY	0.4902, 0.1529, 0.2471
CMYK	0.40, 0.00, 0.11, 0.15
HSL	163°, 52%, 68%
HSV	163°, 40%, 85%
XYZ	43.2762, 57.6633, 58.7184
YIQ	187.5500, -43.5520, -25.6960

Conversions

Conversions Part 2

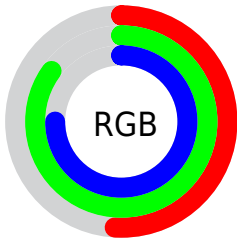
Format	Color
RYB	130, 180, 216
Decimal	8575168
CIELab	80.55, -31.51, 3.68
CIElCh	81, 31.726, 173.348
Yxy	57.6633, 0.2711, 0.3612
Android (android.graphics.Color)	4286765248 (0xFF82D8C0)
YUV	187.5500, 2.1939, -50.4713
Hunter-Lab	75.9364, -31.1613, 7.3090

Details

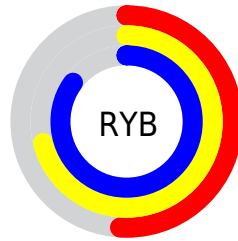
The Hex color **82D8C0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D8829A**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **BAFFF8**, and **4BA18B** is the 20% darker color. If you saturate the color by 10%, you get **6CD8BA**, and if you desaturate by 10%, it is **98D8C6**.

Distribution



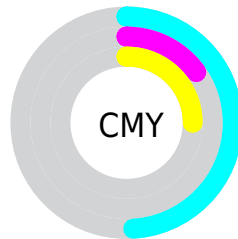
- Red (51%)
- Green (85%)
- Blue (75%)



- Red (51%)
- Yellow (71%)
- Blue (85%)



- Cyan (40%)
- Magenta (0%)
- Yellow (11%)
- Black (15%)



- Cyan (49%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82D8C0 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 82D8C0 by changing the saturation by 10% instead.

 82D8C0

 82D8C0

FFFFFF

 66BCA5

 BAFFF8

 4BA18B

 D7FFFF

 2E8671

 F4FFFF

 056D59

 005441

 003C2B

 002617

 000400

 000000

 82D8C0

 82D8C0

 6CD8BA

 98D8C6

 57D8B4

 ADD8CC

 41D8AE

 C3D8D2

 2CD8A8

 D8D8D8

 16D8A2

 EED8DE

 00D89C

 FFD8E4

 FFD8EA

 FFD8F0

 FFD8F6

Harmonies

Analogous

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



A3D4A4



82D8C0



6DD8DE

Triad

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



82D8C0



C3C3FE



FABA99

Complementary

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



82D8C0



D8829A

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.



FFB3B2



82D8C0



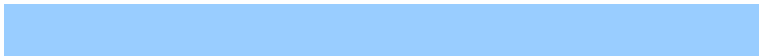
E8B9EC

Square

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



82D8C0



99CFFF



FEB3D0



E3C48D

Rectangle

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



82D8C0



6FD6F0



FEB3D0



FFB7A1

Sweetspot

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



82D8C0



E0FFF6



9AD882



6E807B



000000



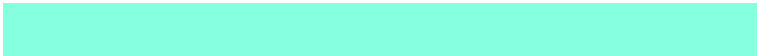
808080

Same Dimension

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



82D8C0



85FFDD



82C5D8



606B68



00AB7B



002B1F

Inverse Universe

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



D8829A



FF85A7



D89582



6B6063



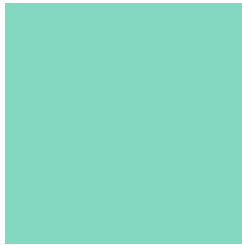
AB0030



2B000C

Previews

White Background



This preview shows how the Hex color 82D8C0 looks on a white background.

Color Contrast Check

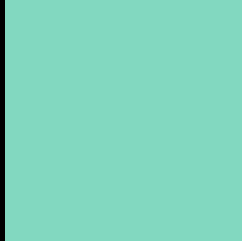
Large Text (above 18pt) WCAG AA × Fail

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 82D8C0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

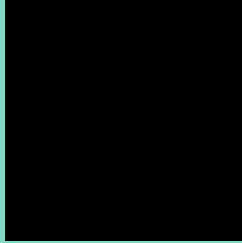
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

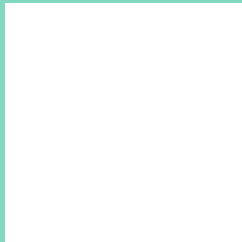
Any Text WCAG AAA ✓ Pass

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

Hex 82D8C0 Background



This preview shows how black text looks on a background with the Hex color 82D8C0.



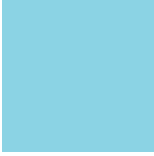
This preview shows how white text looks on a background with the Hex color 82D8C0.

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
8BD3E4

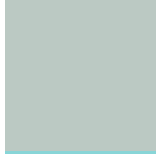
Trichromacy



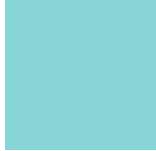
Original Color
82D8C0



Protanomaly
B2CDBA



Deuteranomaly
BBC9C3

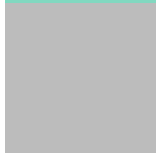


Tritanomaly
88D5D7

Monochromacy



Original Color
82D8C0



Achromatopsia
BCBCBC



Achromatomaly
A7C6BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 82D8C0 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 #82D8C0 looks like.

```
.text, #text, p{  
    color:#82D8C0  
}
```

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 #82D8C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82D8C0
}
```

Border

The CSS property to change the border of an element to Hex 82D8C0 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
#82D8C0 }
```

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

```
.border{ border-color:#82D8C0 }
```

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

Here you see how a box with a 4 pixel #82D8C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82D8C0; -webkit-box-shadow:4px 4px  
4px 4px #82D8C0; box-shadow:4px 4px 4px  
4px #82D8C0 }
```

Background

The CSS property to change the background color of an element to Hex 82D8C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82D8C0 }
```

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

```
.background{ background-color:#82D8C0 }
```

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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