

# Converting Colors

Hex(82D8B0)

Have a look what the booklet for  
Hex(82D8B0) contains.

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**Color**

**Hex(82D8B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82D8B0
RGB	130, 216, 176
RGB Percent	51%, 85%, 69%
CMY	0.4902, 0.1529, 0.3098
CMYK	0.40, 0.00, 0.19, 0.15
HSL	152°, 52%, 68%
HSV	152°, 40%, 85%
XYZ	41.5983, 56.9921, 49.8824
YIQ	185.7260, -38.4160, -30.6720

# Conversions

## Conversions Part 2

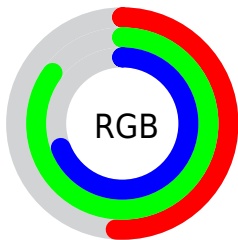
Format	Color
<a href="#">RYB</a>	<a href="#">130, 186, 216</a>
Decimal	<a href="#">8575152</a>
CIELab	<a href="#">80.18, -34.93, 11.64</a>
CIELCh	<a href="#">80, 36.817, 161.569</a>
Yxy	<a href="#">56.9921, 0.2802, 0.3839</a>
Android (android.graphics.Color)	<a href="#">4286765232 (0xFF82D8B0)</a>
YUV	<a href="#">185.7260, -4.7949, -48.8717</a>
Hunter-Lab	<a href="#">75.4931, -33.7559, 13.6691</a>

# Details

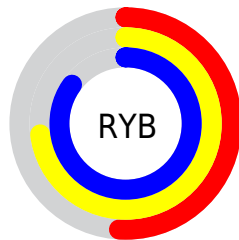
The Hex color **82D8B0** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D882AA**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **BAFFE8**, and **4BA17B** is the 20% darker color. If you saturate the color by 10%, you get **6CD8A6**, and if you desaturate by 10%, it is **98D8BA**.

# Distribution



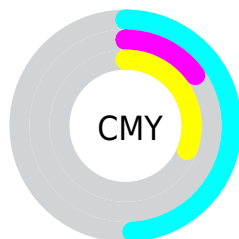
- Red (51%)
- Green (85%)
- Blue (69%)



- Red (51%)
- Yellow (73%)
- Blue (85%)



- Cyan (40%)
- Magenta (0%)
- Yellow (19%)
- Black (15%)



- Cyan (49%)
- Magenta (15%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82D8B0 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 82D8B0 by changing the saturation by 10% instead.



 82D8B0

 82D8B0

FFFFFF

 67BC95

 BAFFE8

 4BA17B

 D7FFFF

 2F8663

 F4FFFF

 096C4B

 005334

 003C1F

 002607

 000100

 000000

 82D8B0

 82D8B0

 6CD8A6

 98D8BA

 57D89C

 ADD8C4

 41D892

 C3D8CE

 2CD888

 D8D8D8

 16D87E

 EED8E2

 00D874

 FFD8EC

 FFD8F6

 FFD8FF

# Harmonies

## Analogous

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



ABD292



82D8B0



5CDAD3

# Triad

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



82D8B0



ADC6FF



FFB39B

# Complementary

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



82D8B0



D882AA

# 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.



FFADBB



82D8B0



DCB9FA

# Square

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



82D8B0



78D0FF



FDB0DD



F1BD86

# Rectangle

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



82D8B0



50D9EA



FDB0DD



FFB0A5



# Sweetspot

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



82D8B0



E0FFF1



AAD882



6E8077



000000



808080

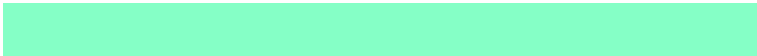


# Same Dimension

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



82D8B0



85FFC6



82D5D8



606B66



00AB5B



002B17



# Inverse Universe

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



D882AA



FF85BE



D88582



6B6065



AB004F

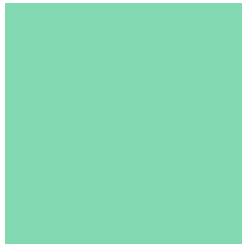


2B0014



# Previews

## White Background



This preview shows how the Hex color 82D8B0 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 82D8B0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

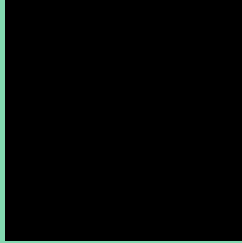
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

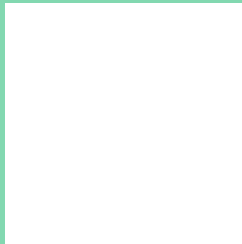
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 82D8B0 Background



This preview shows how black text looks on a background with the Hex color 82D8B0.

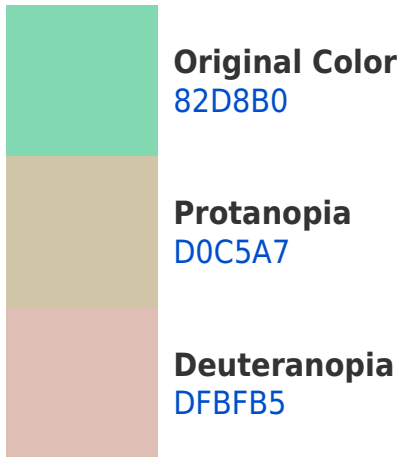


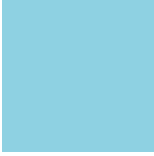
This preview shows how white text looks on a background with the Hex color 82D8B0.

# 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**  
8ED1E2

# Trichromacy



**Original Color**  
82D8B0



**Protanomaly**  
B4CCAA



**Deuteranomaly**  
BDC8B3

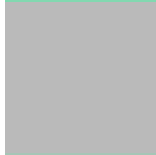


**Tritanomaly**  
8AD4D0

# Monochromacy



**Original Color**  
82D8B0



**Achromatopsia**  
BABABA



**Achromatomaly**  
A6C5B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82D8B0 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 #82D8B0 looks like.

```
.text, #text, p{  
    color:#82D8B0  
}
```

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 #82D8B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82D8B0
}
```

## Border

The CSS property to change the border of an element to Hex 82D8B0 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
#82D8B0 }
```

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

```
.border{ border-color:#82D8B0 }
```

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

Here you see how a box with a 4 pixel #82D8B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82D8B0; -webkit-box-shadow:4px 4px  
4px 4px #82D8B0; box-shadow:4px 4px 4px  
4px #82D8B0 }
```

# Background

The CSS property to change the background color of an element to Hex 82D8B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82D8B0 }
```

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

```
.background{ background-color:#82D8B0 }
```

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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