

Converting Colors

Hex(82DEB2)

Have a look what the booklet for
Hex(82DEB2) contains.

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Color

Hex(82DEB2)

Conversions

Conversions Part 1

Format	Color
Hex	82DEB2
RGB	130, 222, 178
RGB Percent	51%, 87%, 70%
CMY	0.4902, 0.1294, 0.3020
CMYK	0.41, 0.00, 0.20, 0.13
HSL	151°, 58%, 69%
HSV	151°, 41%, 87%
XYZ	43.3631, 60.2027, 51.4543
YIQ	189.4760, -40.7080, -33.1880

Conversions

Conversions Part 2

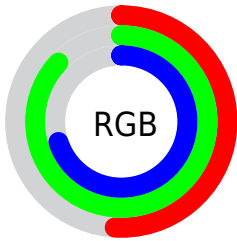
Format	Color
RYB	130, 190, 222
Decimal	8576690
CIELab	81.95, -37.28, 13.09
CIELCh	82, 39.510, 160.645
Yxy	60.2027, 0.2797, 0.3884
Android (android.graphics.Color)	4286766770 (0xFF82DEB2)
YUV	189.4760, -5.6577, -52.1605
Hunter-Lab	77.5904, -36.0247, 14.9950

Details

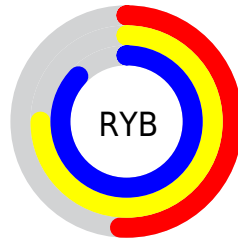
The Hex color **82DEB2** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DE82AE**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **BAFFEA**, and **4AA67D** is the 20% darker color. If you saturate the color by 10%, you get **6CDEA7**, and if you desaturate by 10%, it is **98DEBD**.

Distribution



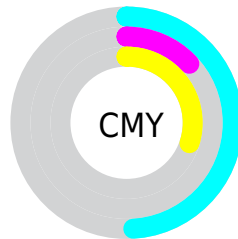
- Red (51%)
- Green (87%)
- Blue (70%)



- Red (51%)
- Yellow (75%)
- Blue (87%)



- Cyan (41%)
- Magenta (0%)
- Yellow (20%)
- Black (13%)



- Cyan (49%)
- Magenta (13%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82DEB2 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 82DEB2 by changing the saturation by 10% instead.

 82DEB2

 82DEB2

FFFFFF

 66C297


 BAFFEA

 4AA67D

 D7FFFF

 2D8C64

 F5FFFF

 01724C

 005835

 004020

 002A0A

 000D00

 000000

 82DEB2

 82DEB2

 6CDEA7

 98DEBD

 56DE9D

 AEDEC7

 3FDE92

 C5DED2

 29DE88

 DBDEDC

 13DE7D

 F1DEE7

 00DE74

 FFDEF2

 FFDEFC

 FFDEFF

Harmonies

Analogous

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



AFD892



82DEB2



55E0D8

Triad

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



82DEB2



ADCBFF



FFB59D

Complementary

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



82DEB2



DE82AE

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.



FFAFC0



82DEB2



E1BDFE

Square

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



82DEB2



72D6FF



FFB3E5



FAC186

Rectangle

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



82DEB2



44DFF0



FFB3E5



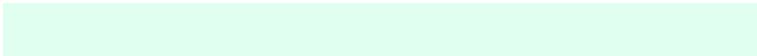
FFB3A8

Sweetspot

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



82DEB2



E0FFF0



AEDE82



6E8077



000000



808080

Same Dimension

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



82DEB2



80FFC2



82DCDE



65706B



00B05C



003019

Inverse Universe

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



DE82AE



FF80BC



DE8482



70656A



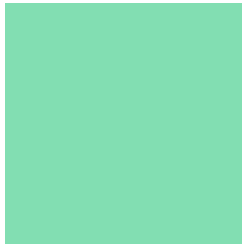
B00054



300017

Previews

White Background



This preview shows how the Hex color 82DEB2 looks on a white background.

Color Contrast Check

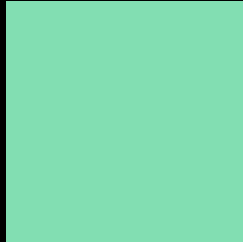
Large Text (above 18pt) WCAG AA × Fail

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 82DEB2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

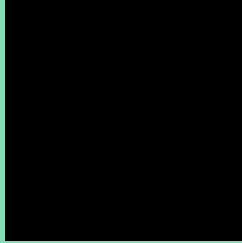
Any Text WCAG AA ✓ Pass

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 82DEB2 Background



This preview shows how black text looks on a background with the Hex color 82DEB2.

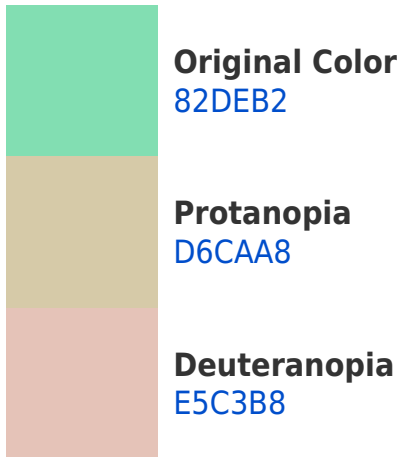


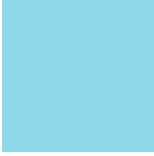
This preview shows how white text looks on a background with the Hex color 82DEB2.

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
8FD7E8

Trichromacy



Original Color
82DEB2



Protanomaly
B7D1AC



Deuteranomaly
C1CDB6

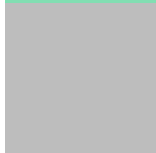


Tritanomaly
8ADAD4

Monochromacy



Original Color
82DEB2



Achromatopsia
BDBDBD



Achromatomaly
A8C9B9

CSS Examples

Text

The CSS property to change the color of the text to Hex 82DEB2 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 #82DEB2 looks like.

```
.text, #text, p{  
    color:#82DEB2  
}
```

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 #82DEB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82DEB2
}
```

Border

The CSS property to change the border of an element to Hex 82DEB2 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
#82DEB2 }
```

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

```
.border{ border-color:#82DEB2 }
```

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

Here you see how a box with a 4 pixel #82DEB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82DEB2; -webkit-box-shadow:4px 4px  
4px 4px #82DEB2; box-shadow:4px 4px 4px  
4px #82DEB2 }
```

Background

The CSS property to change the background color of an element to Hex 82DEB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82DEB2 }
```

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

```
.background{ background-color:#82DEB2 }
```

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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