

Converting Colors

Hex(89D0B0)

Have a look what the booklet for
Hex(89D0B0) contains.

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Color

Hex(89D0B0)

Conversions

Conversions Part 1

Format	Color
Hex	89D0B0
RGB	137, 208, 176
RGB Percent	54%, 82%, 69%
CMY	0.4627, 0.1843, 0.3098
CMYK	0.34, 0.00, 0.15, 0.18
HSL	153°, 43%, 68%
HSV	153°, 34%, 82%
XYZ	40.7089, 53.5647, 49.2677
YIQ	183.1230, -32.0440, -25.0040

Conversions

Conversions Part 2

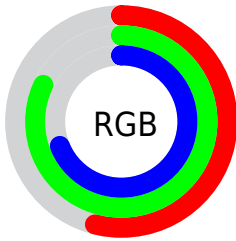
Format	Color
RYB	137, 183, 208
Decimal	9031856
CIELab	78.21, -29.17, 8.88
CIELCh	78, 30.493, 163.064
Yxy	53.5647, 0.2836, 0.3732
Android (android.graphics.Color)	4287221936 (0xFF89D0B0)
YUV	183.1230, -3.5116, -40.4499
Hunter-Lab	73.1879, -28.7929, 11.3194

Details

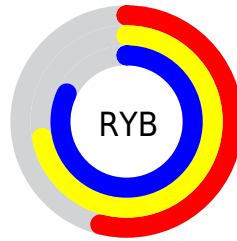
The Hex color **89D0B0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D089A9**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **C0FFE8**, and **54997B** is the 20% darker color. If you saturate the color by 10%, you get **74D0A7**, and if you desaturate by 10%, it is **9ED0B9**.

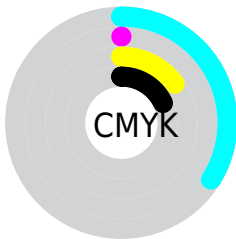
Distribution



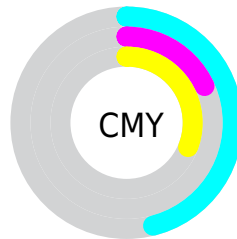
- Red (54%)
- Green (82%)
- Blue (69%)



- Red (54%)
- Yellow (72%)
- Blue (82%)



- Cyan (34%)
- Magenta (0%)
- Yellow (15%)
- Black (18%)



- Cyan (46%)
- Magenta (18%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89D0B0 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 89D0B0 by changing the saturation by 10% instead.

 89D0B0

 89D0B0

FFFFFF

 6EB495

 C0FFE8

 54997B

 DDFFFF

 3A7F63

 FAFFFF

 1E664B

 004D34

 00361F

 002207

 000000

 89D0B0

 89D0B0

 74D0A7

 9ED0B9

 5FD09D

 B3D0C3

 4BD094

 C7D0CC

 36D08B

 DCD0D5

 21D081

 F1D0DF

 0CD078

 FFD0E8

 00D072

 FFD0F2

 FFD0FB

 FFD0FF

Harmonies

Analogous

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



A9CB97



89D0B0



70D1CD

Triad

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



89D0B0



AFC0F8



F6B19C

Complementary

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



89D0B0



D089A9

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.



FAADB6



89D0B0



D5B6EB

Square

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



89D0B0



87C9F7



EFAED3



E4BA8C

Rectangle

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



89D0B0



6AD0DF



EFAED3



F9AFA4

Sweetspot

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



89D0B0



E6FFF4



AAD089



708079



000000



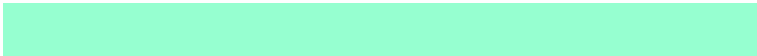
808080

Same Dimension

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



89D0B0



96FFD0



89CED0



5E6964



00A85C



002916

Inverse Universe

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



D089A9



FF96C6



D08B89



695E63



A8004C



290012

Previews

White Background



This preview shows how the Hex color 89D0B0 looks on a white background.

Color Contrast Check

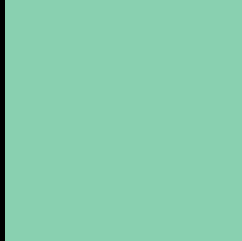
Large Text (above 18pt) WCAG AA × Fail

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 89D0B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

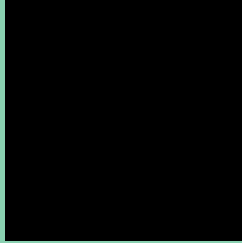
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

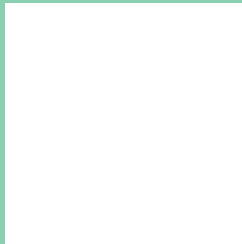
Any Text WCAG AAA ✓ Pass

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

Hex 89D0B0 Background



This preview shows how black text looks on a background with the Hex color 89D0B0.

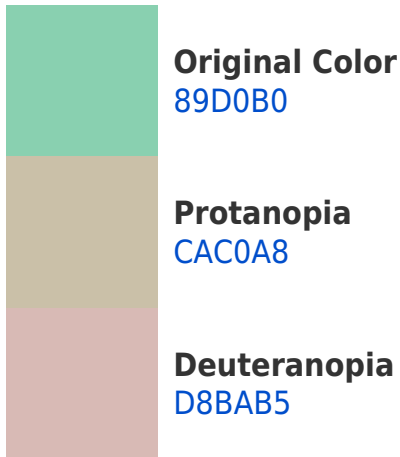


This preview shows how white text looks on a background with the Hex color 89D0B0.

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



Trichromacy



Original Color
89D0B0



Protanomaly
B2C6AB



Deuteranomaly
BBC2B3



Tritanomaly
8FCCCB

Monochromacy



Original Color
89D0B0



Achromatopsia
B7B7B7



Achromatomaly
A6C0B4

CSS Examples

Text

The CSS property to change the color of the text to Hex 89D0B0 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 #89D0B0 looks like.

```
.text, #text, p{  
    color:#89D0B0  
}
```

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 #89D0B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89D0B0
}
```

Border

The CSS property to change the border of an element to Hex 89D0B0 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
#89D0B0 }
```

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

```
.border{ border-color:#89D0B0 }
```

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

Here you see how a box with a 4 pixel #89D0B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89D0B0; -webkit-box-shadow:4px 4px  
4px 4px #89D0B0; box-shadow:4px 4px 4px  
4px #89D0B0 }
```

Background

The CSS property to change the background color of an element to Hex 89D0B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89D0B0 }
```

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

```
.background{ background-color:#89D0B0 }
```

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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