

Converting Colors

Hex(89D1D0)

Have a look what the booklet for
Hex(89D1D0) contains.

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Color

Hex(89D1D0)

Conversions

Conversions Part 1

Format	Color
Hex	89D1D0
RGB	137, 209, 208
RGB Percent	54%, 82%, 82%
CMY	0.4627, 0.1804, 0.1843
CMYK	0.34, 0.00, 0.00, 0.18
HSL	179°, 44%, 68%
HSV	179°, 34%, 82%
XYZ	44.5022, 55.4734, 68.0364
YIQ	187.3580, -42.5910, -15.5750

Conversions

Conversions Part 2

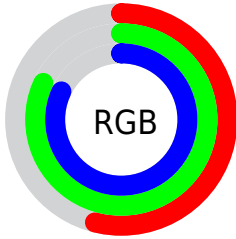
Format	Color
RYB	137, 173, 209
Decimal	9032144
CIELab	79.31, -22.58, -6.65
CIElCh	79, 23.537, 196.416
Yxy	55.4734, 0.2649, 0.3302
Android (android.graphics.Color)	4287222224 (0xFF89D1D0)
YUV	187.3580, 10.1765, -44.1640
Hunter-Lab	74.4804, -23.6868, -2.0239

Details

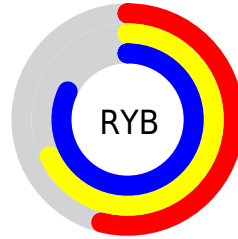
The Hex color **89D1D0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D1898A**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **C1FFFF**, and **539A9A** is the 20% darker color. If you saturate the color by 10%, you get **74D1D0**, and if you desaturate by 10%, it is **9ED1D0**.

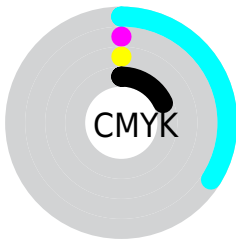
Distribution



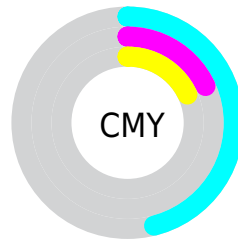
- Red (54%)
- Green (82%)
- Blue (82%)



- Red (54%)
- Yellow (68%)
- Blue (82%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 89D1D0 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 89D1D0 by changing the saturation by 10% instead.

 89D1D0

 89D1D0

FFFFFF

 6EB5B4

 C1FFFF

 539A9A

 DEFFFF

 378080

 FBFFFF

 186767

 004F4F

 003738

 002223

 00010D

 000000

89D1D0

89D1D0

74D1D0

9ED1D0

5FD1CF

B3D1D1

4AD1CF

C8D1D1

35D1CF

DDD1D1

21D1CF

F2D1D1

0CD1CE

FFD1D2

00D1CE

FFD1D3

Harmonies

Analogous

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



98D0B9



89D1D0



8BCFE3

Triad

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



89D1D0



D7BBE3



DEC09A

Complementary

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



89D1D0



D1898A

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.



EDB9A6



89D1D0



EAB6CF

Square

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



89D1D0



BBC2EE



F2B5B9



C9C79A

Rectangle

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



89D1D0



96CBEC



F2B5B9



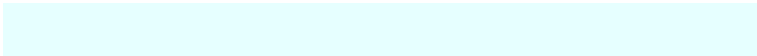
E4BD9D

Sweetspot

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



89D1D0



E6FFFF



8AD189



70807F



000000



808080

Same Dimension

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



89D1D0



96FFFE



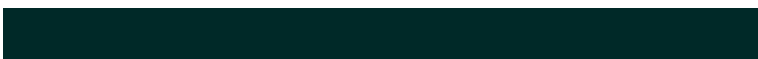
89AED1



5E6968



00A8A6



002928

Inverse Universe

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



D1898A



FF9698



D1AC89



695E5E



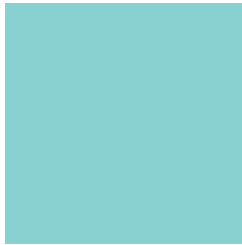
A80002



290001

Previews

White Background



This preview shows how the Hex color 89D1D0 looks on a white background.

Color Contrast Check

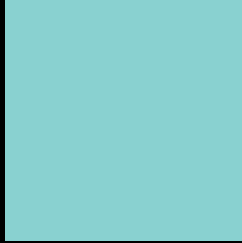
Large Text (above 18pt) WCAG AA × Fail

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 89D1D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

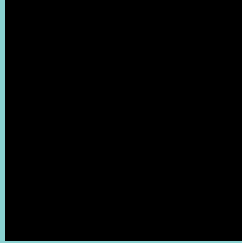
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

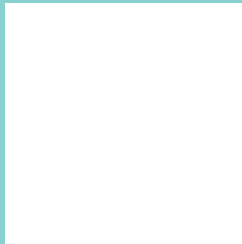
Any Text WCAG AAA ✓ Pass

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

Hex 89D1D0 Background



This preview shows how black text looks on a background with the Hex color 89D1D0.

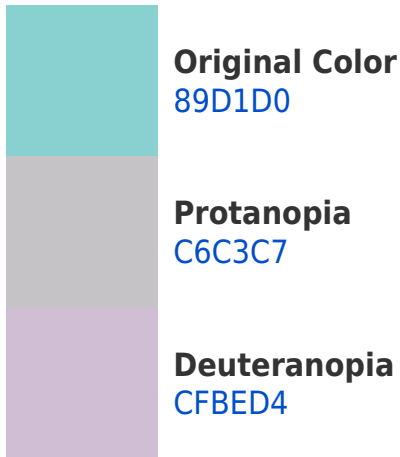


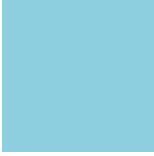
This preview shows how white text looks on a background with the Hex color 89D1D0.

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](#).

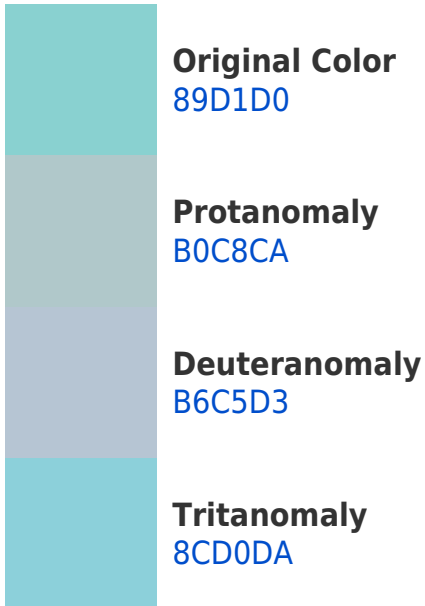
Dichromacy



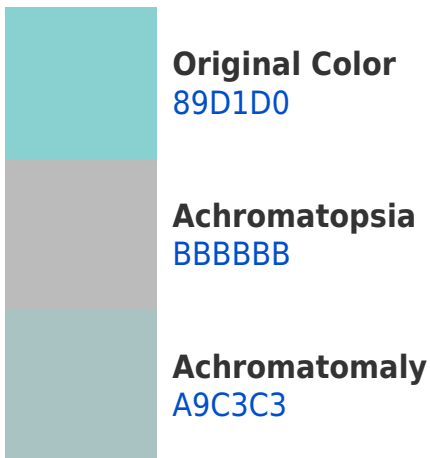


Tritanopia
8DCFD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89D1D0 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 #89D1D0 looks like.

```
.text, #text, p{  
    color:#89D1D0  
}
```

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 #89D1D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89D1D0
}
```

Border

The CSS property to change the border of an element to Hex 89D1D0 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
#89D1D0 }
```

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

```
.border{ border-color:#89D1D0 }
```

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

Here you see how a box with a 4 pixel #89D1D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89D1D0; -webkit-box-shadow:4px 4px  
4px 4px #89D1D0; box-shadow:4px 4px 4px  
4px #89D1D0 }
```

Background

The CSS property to change the background color of an element to Hex 89D1D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89D1D0 }
```

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

```
.background{ background-color:#89D1D0 }
```

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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