

Converting Colors

Hex(89D3C2)

Have a look what the booklet for
Hex(89D3C2) contains.

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Color

Hex(89D3C2)

Conversions

Conversions Part 1

Format	Color
Hex	89D3C2
RGB	137, 211, 194
RGB Percent	54%, 83%, 76%
CMY	0.4627, 0.1725, 0.2392
CMYK	0.35, 0.00, 0.08, 0.17
HSL	166°, 46%, 68%
HSV	166°, 35%, 83%
XYZ	43.3484, 55.8019, 59.5251
YIQ	186.9360, -38.6470, -20.9750

Conversions

Conversions Part 2

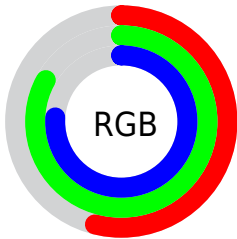
Format	Color
RYB	137, 179, 211
Decimal	9032642
CIELab	79.50, -26.77, 1.12
CIELCh	80, 26.795, 177.600
Yxy	55.8019, 0.2732, 0.3517
Android (android.graphics.Color)	4287222722 (0xFF89D3C2)
YUV	186.9360, 3.4826, -43.7939
Hunter-Lab	74.7007, -27.1437, 5.0454

Details

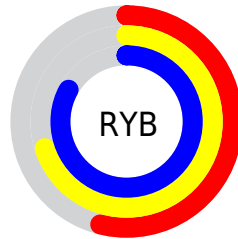
The Hex color **89D3C2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D3899A**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **C1FFFA**, and **539C8C** is the 20% darker color. If you saturate the color by 10%, you get **74D3BD**, and if you desaturate by 10%, it is **9ED3C7**.

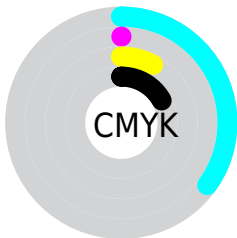
Distribution



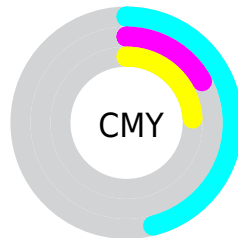
- Red (54%)
- Green (83%)
- Blue (76%)



- Red (54%)
- Yellow (70%)
- Blue (83%)



- Cyan (35%)
- Magenta (0%)
- Yellow (8%)
- Black (17%)



- Cyan (46%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89D3C2 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 89D3C2 by changing the saturation by 10% instead.

 89D3C2

 89D3C2

FFFFFF

 6EB7A7

 C1FFFA

 539C8C

 DDFFFF

 388273

 FBFFFF

 1A685A

 005043

 00382D

 002318

 000000

 89D3C2

 89D3C2

 74D3BD

 9ED3C7

 5FD3B8

 B3D3CC

 4AD3B3

 C8D3D1

 35D3AF

 DDD3D5

 1FD3AA

 F3D3DA

 0AD3A5

 FFD3DF

 00D3A3

 FFD3E4

 FFD3E9

 FFD3EE

Harmonies

Analogous

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



A2D0AA



89D3C2



7DD3DB

Triad

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



89D3C2



C6BFF1



EEBA9C

Complementary

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



89D3C2



D3899A

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.



F8B4AF



89D3C2



E3B7E0

Square

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



89D3C2



A4C8F6



F5B3C8



D9C393

Rectangle

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



89D3C2



81D0E9



F5B3C8



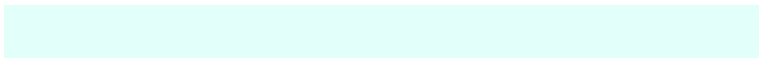
F2B8A1

Sweetspot

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



89D3C2



E3FFF9



9AD389



6F807C



000000



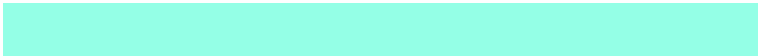
808080

Same Dimension

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



89D3C2



94FFE6



89BFD3



5E6966



00A882



00291F

Inverse Universe

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



D3899A



FF94AD



D39D89



695E60



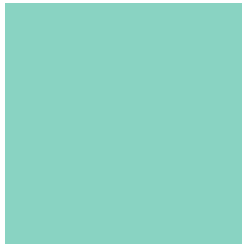
A80027



290009

Previews

White Background



This preview shows how the Hex color 89D3C2 looks on a white background.

Color Contrast Check

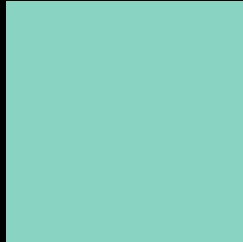
Large Text (above 18pt) WCAG AA × Fail

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 89D3C2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

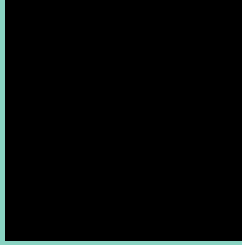
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

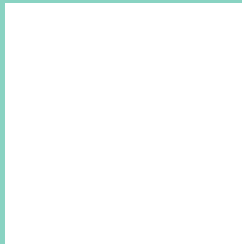
Any Text WCAG AAA ✓ Pass

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

Hex 89D3C2 Background



This preview shows how black text looks on a background with the Hex color 89D3C2.



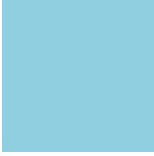
This preview shows how white text looks on a background with the Hex color 89D3C2.

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](#).

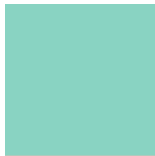
Dichromacy





Tritanopia
90CFDF

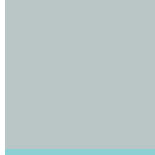
Trichromacy



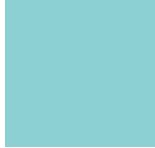
Original Color
89D3C2



Protanomaly
B2C9BC



Deuteranomaly
BAC6C5

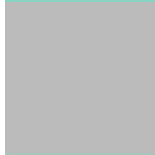


Tritanomaly
8DD0D4

Monochromacy



Original Color
89D3C2



Achromatopsia
BBBBBB



Achromatomaly
A9C4BE

CSS Examples

Text

The CSS property to change the color of the text to Hex 89D3C2 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 #89D3C2 looks like.

```
.text, #text, p{  
    color:#89D3C2  
}
```

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 #89D3C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89D3C2
}
```

Border

The CSS property to change the border of an element to Hex 89D3C2 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
#89D3C2 }
```

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

```
.border{ border-color:#89D3C2 }
```

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

Here you see how a box with a 4 pixel #89D3C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89D3C2; -webkit-box-shadow:4px 4px  
4px 4px #89D3C2; box-shadow:4px 4px 4px  
4px #89D3C2 }
```

Background

The CSS property to change the background color of an element to Hex 89D3C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89D3C2 }
```

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

```
.background{ background-color:#89D3C2 }
```

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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