

Converting Colors

Hex(89E9D2)

Have a look what the booklet for
Hex(89E9D2) contains.

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Color

Hex(89E9D2)

Conversions

Conversions Part 1

Format	Color
Hex	89E9D2
RGB	137, 233, 210
RGB Percent	54%, 91%, 82%
CMY	0.4627, 0.0863, 0.1765
CMYK	0.41, 0.00, 0.10, 0.09
HSL	166°, 69%, 73%
HSV	166°, 41%, 91%
XYZ	51.0883, 68.2493, 71.4536
YIQ	201.6740, -49.8330, -27.5050

Conversions

Conversions Part 2

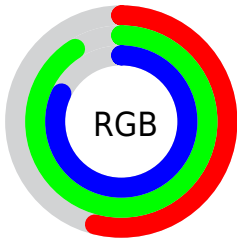
Format	Color
RYB	137, 192, 233
Decimal	9038290
CIELab	86.13, -33.68, 2.29
CIELCh	86, 33.763, 176.115
Yxy	68.2493, 0.2678, 0.3577
Android (android.graphics.Color)	4287228370 (0xFF89E9D2)
YUV	201.6740, 4.1047, -56.7191
Hunter-Lab	82.6132, -34.1879, 6.5482

Details

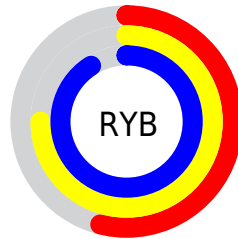
The Hex color **89E9D2** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E989A0**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **C2FFFF**, and **50B19C** is the 20% darker color. If you saturate the color by 10%, you get **72E9CC**, and if you desaturate by 10%, it is **A0E9D8**.

Distribution



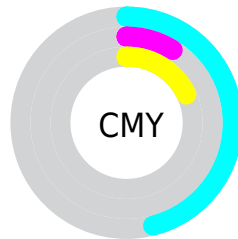
- Red (54%)
- Green (91%)
- Blue (82%)



- Red (54%)
- Yellow (75%)
- Blue (91%)



- Cyan (41%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)



- Cyan (46%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89E9D2 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 89E9D2 by changing the saturation by 10% instead.

 89E9D2

 89E9D2

FFFFFF

 6DCDB6

 C2FFFF

 50B19C

 DFFFFF

 329682

FDFFFF

 067C69

 006250

 004A3A

 003224

 001E0F

 000000

 89E9D2

 89E9D2

 72E9CC

 A0E9D8

 5AE9C7

 B8E9DD

 43E9C1

 CFE9E3

 2CE9BC

 E6E9E8

 14E9B6

 FDE9EE

 00E9B1

 FFE9F3

 FFE9F9

 FFE9FF

Harmonies

Analogous

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



ACE5B3



89E9D2



74E9F2

Triad

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



89E9D2



D7D1FF



FFC9A3

Complementary

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



89E9D2



E989A0

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.



FFC2BD



89E9D2



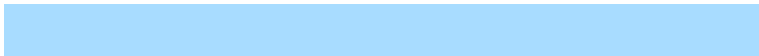
FDC6FC

Square

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



89E9D2



A8DCFF



FFC0DD



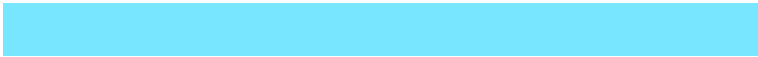
F2D498

Rectangle

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



89E9D2



78E6FF



FFC0DD



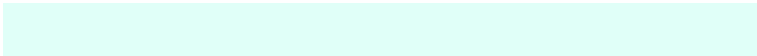
FFC6AB

Sweetspot

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



89E9D2



E0FFF8



A1E989



6E807B



000000



808080

Same Dimension

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



89E9D2



82FFE1



89D1E9



6A7572



00B58A



003629

Inverse Universe

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



E989A0



FF82A0



E9A189



756A6C



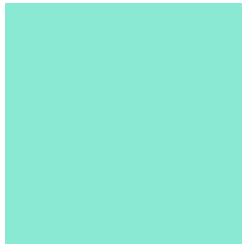
B5002B



36000D

Previews

White Background



This preview shows how the Hex color 89E9D2 looks on a white background.

Color Contrast Check

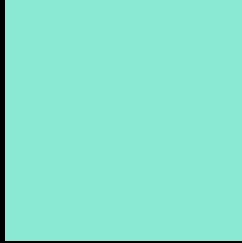
Large Text (above 18pt) WCAG AA × Fail

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 89E9D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

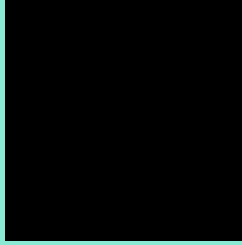
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

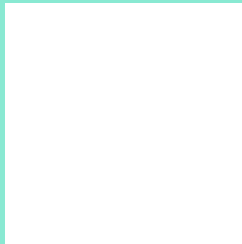
Any Text WCAG AAA ✓ Pass

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

Hex 89E9D2 Background



This preview shows how black text looks on a background with the Hex color 89E9D2.



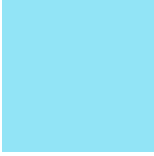
This preview shows how white text looks on a background with the Hex color 89E9D2.

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
92E4F6

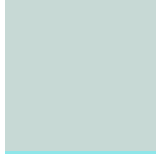
Trichromacy



Original Color
89E9D2



Protanomaly
BFDCCB



Deuteranomaly
C7D9D5

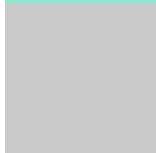


Tritanomaly
8FE6E9

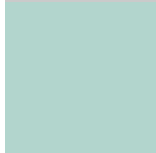
Monochromacy



Original Color
89E9D2



Achromatopsia
CACACA



Achromatomaly
B2D5CD

CSS Examples

Text

The CSS property to change the color of the text to Hex 89E9D2 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 #89E9D2 looks like.

```
.text, #text, p{  
    color:#89E9D2  
}
```

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 #89E9D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89E9D2
}
```

Border

The CSS property to change the border of an element to Hex 89E9D2 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
#89E9D2 }
```

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

```
.border{ border-color:#89E9D2 }
```

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

Here you see how a box with a 4 pixel #89E9D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89E9D2; -webkit-box-shadow:4px 4px  
4px 4px #89E9D2; box-shadow:4px 4px 4px  
4px #89E9D2 }
```

Background

The CSS property to change the background color of an element to Hex 89E9D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89E9D2 }
```

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

```
.background{ background-color:#89E9D2 }
```

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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