

Converting Colors

Hex(9ED8DB)

Have a look what the booklet for
Hex(9ED8DB) contains.

Hex(9ED8DB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9ED8DB)

Conversions

Conversions Part 1

Format	Color
Hex	9ED8DB
RGB	158, 216, 219
RGB Percent	62%, 85%, 86%
CMY	0.3804, 0.1529, 0.1412
CMYK	0.28, 0.01, 0.00, 0.14
HSL	183°, 46%, 74%
HSV	183°, 28%, 86%
XYZ	51.4426, 61.4953, 76.1763
YIQ	199.0000, -35.5310, -11.3630

Conversions

Conversions Part 2

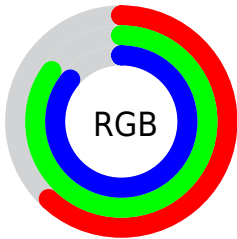
Format	Color
RYB	158, 188, 219
Decimal	10410203
CIELab	82.64, -17.72, -7.47
CIELCh	83, 19.230, 202.865
Yxy	61.4953, 0.2720, 0.3252
Android (android.graphics.Color)	4288600283 (0xFF9ED8DB)
YUV	199.0000, 9.8600, -35.9570
Hunter-Lab	78.4189, -20.1377, -2.7012

Details

The Hex color **9ED8DB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DBA19E**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **D6FFFF**, and **68A1A4** is the 20% darker color. If you saturate the color by 10%, you get **88D7DB**, and if you desaturate by 10%, it is **B4D9DB**.

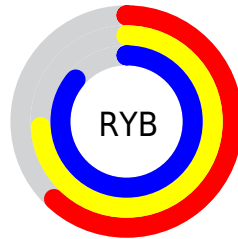
Distribution



Red (62%)

Green (85%)

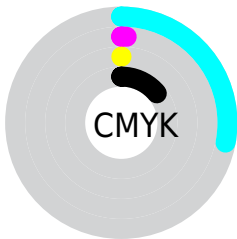
Blue (86%)



Red (62%)

Yellow (74%)

Blue (86%)

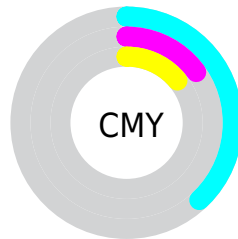


Cyan (28%)

Magenta (1%)

Yellow (0%)

Black (14%)



Cyan (38%)

Magenta (15%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9ED8DB 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 9ED8DB by changing the saturation by 10% instead.

 9ED8DB

 9ED8DB

FFFFFF

 83BCBF

 D6FFFF

 68A1A4

 F3FFFF

 4E878A

 346D70

 185558

 003D41

 00272B

 001217

 000000

 9ED8DB

 9ED8DB

 88D7DB

 B4D9DB

 72D6DB

 CADADB

 5CD5DB

 E0DBDB

 46D4DB

 F6DCDB

 31D3DB

 FFDDDB

 1BD2DB

 FFDEDB

 05D0DB

 FFE0DB

 00D0DB

 FFE1DB

 FFE2DB

Harmonies

Analogous

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



A7D8C9



9ED8DB



A3D5EA

Triad

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



9ED8DB



E1C5E4



E0CBAA

Complementary

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



9ED8DB



DBA19E

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.



EEC5B2



9ED8DB



F0C2D3

Square

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



9ED8DB



CCCBEF



F4C2C0



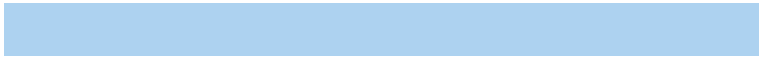
CDD1AC

Rectangle

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



9ED8DB



ADD2F0



F4C2C0



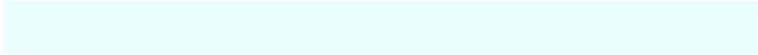
E6C9AC

Sweetspot

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



9ED8DB



EBFEFF



9EDBA0



737F80



000000



808080

Same Dimension

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



9ED8DB



ABFBFF



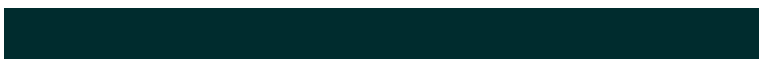
9EBADB



636D6E



00A5AD



002C2E

Inverse Universe

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



DB9ED8



FFABFB



DBBF9E



6E636D



AD00A5



2E002C

Previews

White Background



This preview shows how the Hex color 9ED8DB looks on a white background.

Color Contrast Check

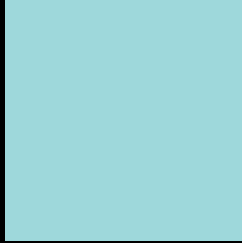
Large Text (above 18pt) WCAG AA × Fail

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 9ED8DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

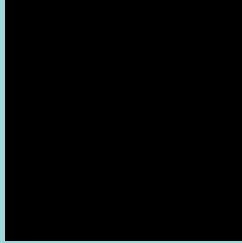
Any Text WCAG AA ✓ Pass

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 9ED8DB Background



This preview shows how black text looks on a background with the Hex color 9ED8DB.

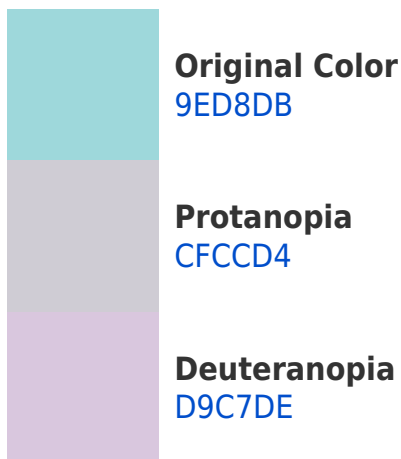


This preview shows how white text looks on a background with the Hex color 9ED8DB.

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



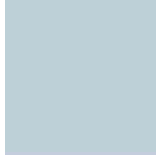


Tritanopia
A1D6E7

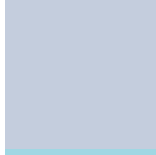
Trichromacy



Original Color
9ED8DB



Protanomaly
BDD0D7



Deuteranomaly
C4CDDD

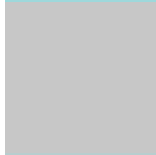


Tritanomaly
A0D7E3

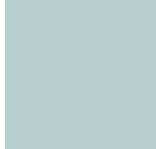
Monochromacy



Original Color
9ED8DB



Achromatopsia
C7C7C7



Achromatomaly
B8CDCE

CSS Examples

Text

The CSS property to change the color of the text to Hex 9ED8DB 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 #9ED8DB looks like.

```
.text, #text, p{  
    color:#9ED8DB  
}
```

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 #9ED8DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9ED8DB
}
```

Border

The CSS property to change the border of an element to Hex 9ED8DB 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
#9ED8DB }
```

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

```
.border{ border-color:#9ED8DB }
```

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

Here you see how a box with a 4 pixel #9ED8DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9ED8DB; -webkit-box-shadow:4px 4px  
4px 4px #9ED8DB; box-shadow:4px 4px 4px  
4px #9ED8DB }
```

Background

The CSS property to change the background color of an element to Hex 9ED8DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9ED8DB }
```

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

```
.background{ background-color:#9ED8DB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor