

Converting Colors

Hex(9DE1E8)

Have a look what the booklet for
Hex(9DE1E8) contains.

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Color

Hex(9DE1E8)

Conversions

Conversions Part 1

Format	Color
Hex	9DE1E8
RGB	157, 225, 232
RGB Percent	62%, 88%, 91%
CMY	0.3843, 0.1176, 0.0902
CMYK	0.32, 0.03, 0.00, 0.09
HSL	186°, 62%, 76%
HSV	186°, 32%, 91%
XYZ	55.3953, 66.8447, 86.3266
YIQ	205.4660, -42.7750, -12.2390

Conversions

Conversions Part 2

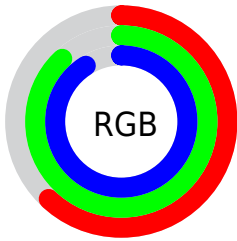
Format	Color
RYB	157, 193, 232
Decimal	10346984
CIELab	85.43, -19.53, -10.24
CIELCh	85, 22.047, 207.665
Yxy	66.8447, 0.2656, 0.3205
Android (android.graphics.Color)	4288537064 (0xFF9DE1E8)
YUV	205.4660, 13.0813, -42.5047
Hunter-Lab	81.7586, -22.1354, -5.3716

Details

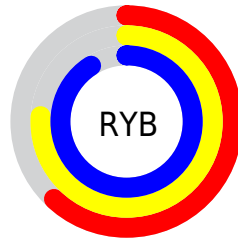
The Hex color **9DE1E8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E8A49D**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **D6FFFF**, and **66AAB0** is the 20% darker color. If you saturate the color by 10%, you get **86DFE8**, and if you desaturate by 10%, it is **B4E3E8**.

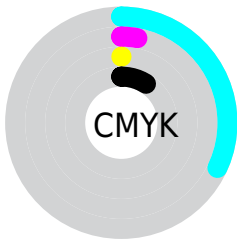
Distribution



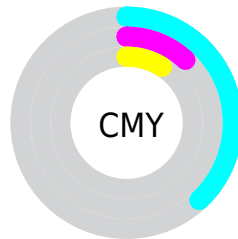
- Red (62%)
- Green (88%)
- Blue (91%)



- Red (62%)
- Yellow (76%)
- Blue (91%)



- Cyan (32%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (38%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9DE1E8 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 9DE1E8 by changing the saturation by 10% instead.

 9DE1E8

 9DE1E8

FFFFFF

 81C5CC

 D6FFFF

 66AAB0

 F3FFFF

 4B8F96

 2F757C

 0D5C63

 00454B

 002E35

 001B1F

 000006

 9DE1E8

 9DE1E8

 86DFE8

 B4E3E8

 6FDDE8

 CBE5E8

 57DBE8


 E3E7E8

 40D8E8

 FAEAE8

 29D6E8

 FFECE8

 12D4E8

 FFEEE8

 00D2E8

 FFF0E8

 FFF2E8

 FFF4E8

Harmonies

Analogous

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



A5E1D3



9DE1E8



A5DEF8

Triad

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



9DE1E8



EFCAE8



E7D3AC

Complementary

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



9DE1E8



E8A49D

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.



F9CDB3



9DE1E8



FEC7D8

Square

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



9DE1E8



D7D1FA



FFC8C3



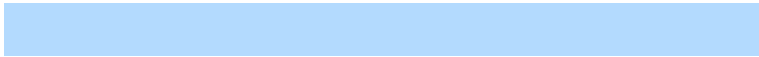
D1DAB0

Rectangle

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



9DE1E8



B3DAFE



FFC8C3



EED1AD

Sweetspot

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



9DE1E8



E6FDFD



9DE8A3



707E80



000000



808080

Same Dimension

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



9DE1E8



9CF6FF



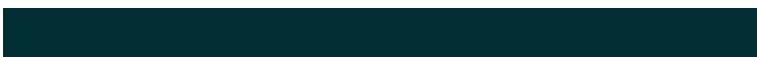
9DBCE8



677273



00A2B3



002E33

Inverse Universe

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



E89DE1



FF9CF6



E8C99D



736772



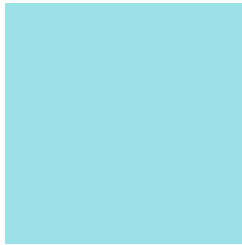
B300A2



33002E

Previews

White Background



This preview shows how the Hex color 9DE1E8 looks on a white background.

Color Contrast Check

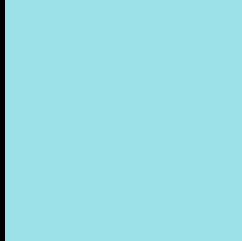
Large Text (above 18pt) WCAG AA × Fail

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 9DE1E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

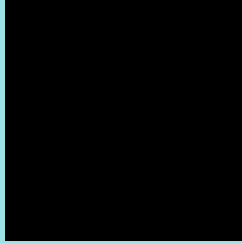
Any Text WCAG AA ✓ Pass

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 9DE1E8 Background



This preview shows how black text looks on a background with the Hex color 9DE1E8.

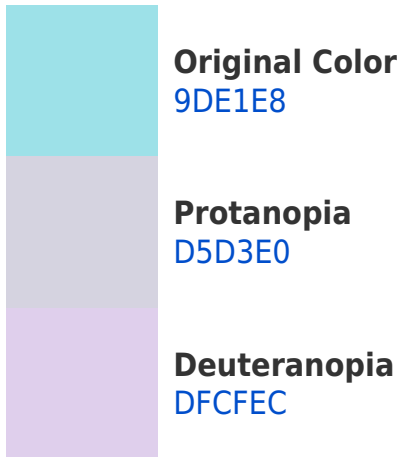


This preview shows how white text looks on a background with the Hex color 9DE1E8.

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](#).

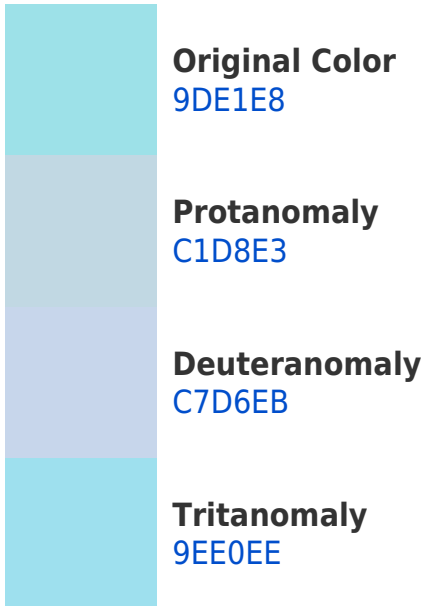
Dichromacy



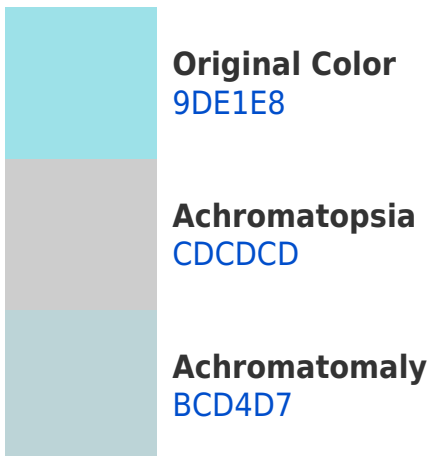


Tritanopia
9FE0F1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DE1E8 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 #9DE1E8 looks like.

```
.text, #text, p{  
    color:#9DE1E8  
}
```

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 #9DE1E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DE1E8
}
```

Border

The CSS property to change the border of an element to Hex 9DE1E8 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
#9DE1E8 }
```

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

```
.border{ border-color:#9DE1E8 }
```

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

Here you see how a box with a 4 pixel #9DE1E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DE1E8; -webkit-box-shadow:4px 4px  
4px 4px #9DE1E8; box-shadow:4px 4px 4px  
4px #9DE1E8 }
```

Background

The CSS property to change the background color of an element to Hex 9DE1E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DE1E8 }
```

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

```
.background{ background-color:#9DE1E8 }
```

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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