

Converting Colors

Hex(9DE2E5)

Have a look what the booklet for
Hex(9DE2E5) contains.

Hex(9DE2E5)	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(9DE2E5)

Conversions

Conversions Part 1

Format	Color
Hex	9DE2E5
RGB	157, 226, 229
RGB Percent	62%, 89%, 90%
CMY	0.3843, 0.1137, 0.1020
CMYK	0.31, 0.01, 0.00, 0.10
HSL	183°, 58%, 76%
HSV	183°, 31%, 90%
XYZ	55.2438, 67.2180, 84.1914
YIQ	205.7110, -42.0870, -13.6950

Conversions

Conversions Part 2

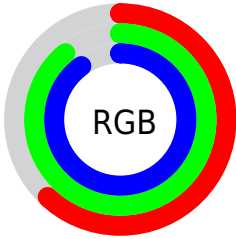
Format	Color
R _Y B	157, 192, 229
Decimal	10347237
CIE _{Lab}	85.61, -20.72, -8.37
CIE _{LCh}	86, 22.347, 202.003
Y _{xy}	67.2180, 0.2673, 0.3253
Android (android.graphics.Color)	4288537317 (0xFF9DE2E5)
YUV	205.7110, 11.4815, -42.7195
Hunter-Lab	81.9866, -23.2003, -3.4939

Details

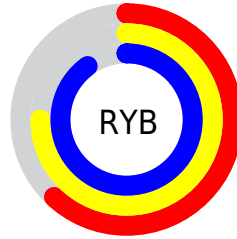
The Hex color **9DE2E5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E5A09D**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **D6FFFF**, and **66ABAE** is the 20% darker color. If you saturate the color by 10%, you get **86E1E5**, and if you desaturate by 10%, it is **B4E3E5**.

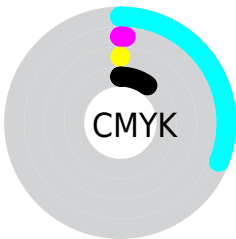
Distribution



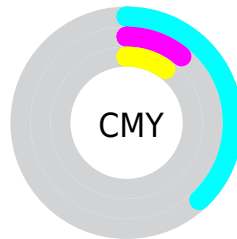
- Red (62%)
- Green (89%)
- Blue (90%)



- Red (62%)
- Yellow (75%)
- Blue (90%)



- Cyan (31%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (38%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9DE2E5 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 9DE2E5 by changing the saturation by 10% instead.

 9DE2E5

 9DE2E5

FFFFFF

 81C6C9

 D6FFFF

 66ABAE


 F3FFFF

 4B9093

 307679

 0E5D61

 004549

 002F32

 001C1D

 000002

9DE2E5

9DE2E5

86E1E5

B4E3E5

6FE0E5

CBE4E5

58DFE5

E2E5E5

41DEE5

F9E6E5

2BDDE5

FFE7E5

14DCE5

FFE8E5

00DBE5

FFE9E5

FFEA E5

FFEB E5

Harmonies

Analogous

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



A8E2CF



9DE2E5



A2DFF7

Triad

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



9DE2E5



ECCCF0



ECD3AC

Complementary

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



9DE2E5



E5A09D

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.



FCCCB5



9DE2E5



FDC8DD

Square

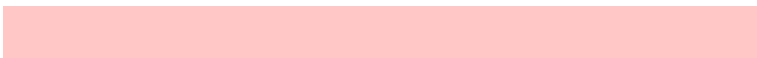
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9DE2E5



D2D3FD



FFC8C7



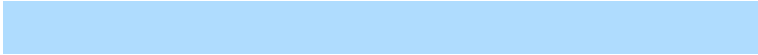
D6DAAF

Rectangle

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



9DE2E5



AFDCFE



FFC8C7



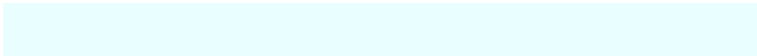
F2D0AE

Sweetspot

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



9DE2E5



E8FEFF



9DE59F



717F80



000000



808080

Same Dimension

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



9DE2E5



9EFBFF



9DBFE5



677273



00ABB3



003133

Inverse Universe

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



E59DE2



FF9EFB



E5C39D



736772



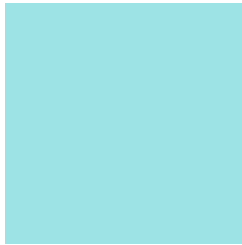
B300AB



330031

Previews

White Background



This preview shows how the Hex color 9DE2E5 looks on a white background.

Color Contrast Check

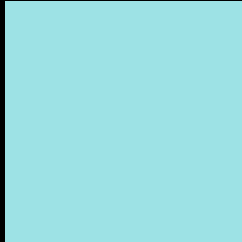
Large Text (above 18pt) WCAG AA × Fail

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 9DE2E5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

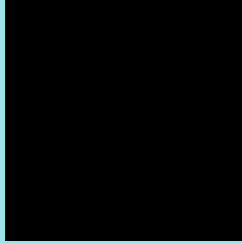
Any Text WCAG AA ✓ Pass

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 9DE2E5 Background



This preview shows how black text looks on a background with the Hex color 9DE2E5.

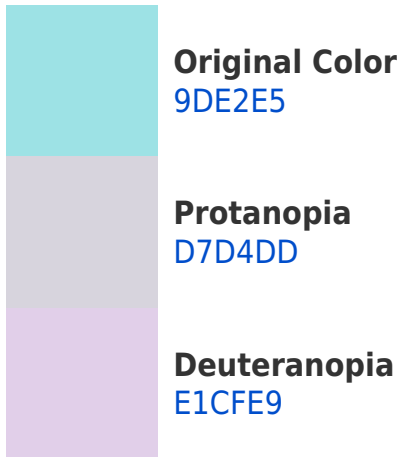


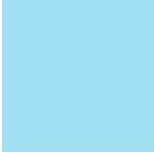
This preview shows how white text looks on a background with the Hex color 9DE2E5.

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](#).

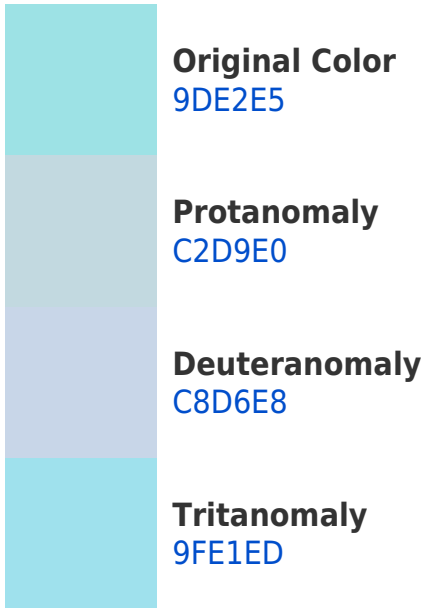
Dichromacy



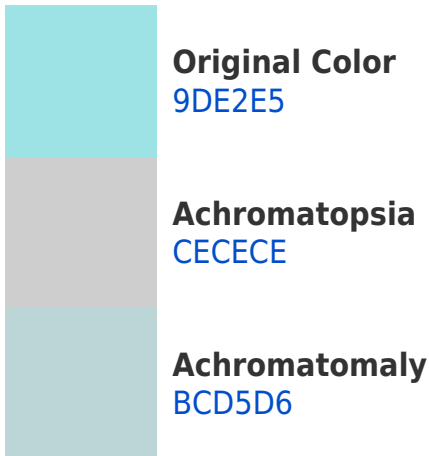


Tritanopia
A0E0F2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DE2E5 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 #9DE2E5 looks like.

```
.text, #text, p{  
    color:#9DE2E5  
}
```

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 #9DE2E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DE2E5  
}
```

Border

The CSS property to change the border of an element to Hex 9DE2E5 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  
#9DE2E5 }
```

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

```
.border{ border-color:#9DE2E5 }
```

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

Here you see how a box with a 4 pixel #9DE2E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DE2E5; -webkit-box-shadow:4px 4px  
4px 4px #9DE2E5; box-shadow:4px 4px 4px  
4px #9DE2E5 }
```

Background

The CSS property to change the background color of an element to Hex 9DE2E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DE2E5 }
```

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

```
.background{ background-color:#9DE2E5 }
```

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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