

Converting Colors

Hex(9DEFD2)

Have a look what the booklet for
Hex(9DEFD2) contains.

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Color

Hex(9DEFD2)

Conversions

Conversions Part 1

Format	Color
Hex	9DEFD2
RGB	157, 239, 210
RGB Percent	62%, 94%, 82%
CMY	0.3843, 0.0627, 0.1765
CMYK	0.34, 0.00, 0.12, 0.06
HSL	159°, 72%, 78%
HSV	159°, 34%, 94%
XYZ	56.4040, 73.5542, 72.1974
YIQ	211.1760, -39.5630, -26.4030

Conversions

Conversions Part 2

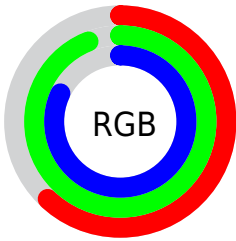
Format	Color
RYB	157, 207, 239
Decimal	10350546
CIELab	88.71, -31.17, 6.14
CIELCh	89, 31.768, 168.865
Yxy	73.5542, 0.2790, 0.3638
Android (android.graphics.Color)	4288540626 (0xFF9DEFD2)
YUV	211.1760, -0.5798, -47.5124
Hunter-Lab	85.7638, -32.6931, 10.1233

Details

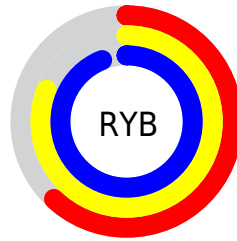
The Hex color **9DEFD2** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EF9DBA**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **D6FFFF**, and **66B79C** is the 20% darker color. If you saturate the color by 10%, you get **85EFCA**, and if you desaturate by 10%, it is **B5EFDA**.

Distribution



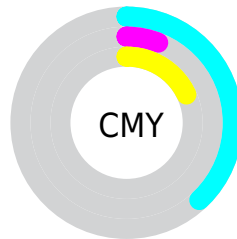
- Red (62%)
- Green (94%)
- Blue (82%)



- Red (62%)
- Yellow (81%)
- Blue (94%)



- Cyan (34%)
- Magenta (0%)
- Yellow (12%)
- Black (6%)



- Cyan (38%)
- Magenta (6%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DEFD2 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 9DEFD2 by changing the saturation by 10% instead.

 9DEFD2

 9DEFD2

FFFFFF

 81D2B6

 D6FFFF

 66B79C

 F3FFFF

 4B9C82

 2F8168

 0B6850

 004F39

 003824

 00230F

 000000

 9DEFD2

 9DEFD2

 85EFCA

 B5EFDA

 6DEF C1

 CDEF E3

 55EFB9

 E5EFEB

 3DEFB0

 FDEF F4

 25EFA8

 FFEFFC

 0EEF9F

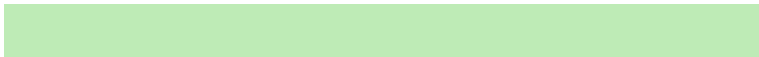
 FFEFFF

 00EF9A

Harmonies

Analogous

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



BEEBB6



9DEFD2



86F0F1

Triad

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



9DEFD2



D4DBFF



FFCFB2

Complementary

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



9DEFD2



EF9DBA

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.



FFC9CD



9DEFD2



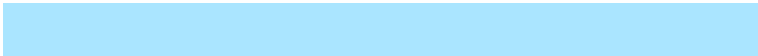
FAD1FF

Square

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



9DEFD2



AAE5FF



FFCAEB



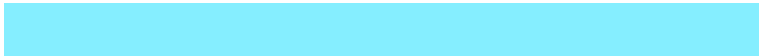
FFD9A4

Rectangle

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



9DEFD2



85EEFF



FFCAEB



FFCDBA

Sweetspot

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



9DEFD2



E6FFF6



BBEF9D



70807A



000000



808080

Same Dimension

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



9DEFD2



96FFDA



9DE4EF



6C7874



00B877



003824

Inverse Universe

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



EF9DBA



FF96BB



EFA89D



786C70



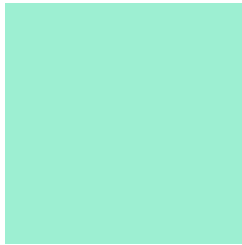
B80041



380014

Previews

White Background



This preview shows how the Hex color 9DEFD2 looks on a white background.

Color Contrast Check

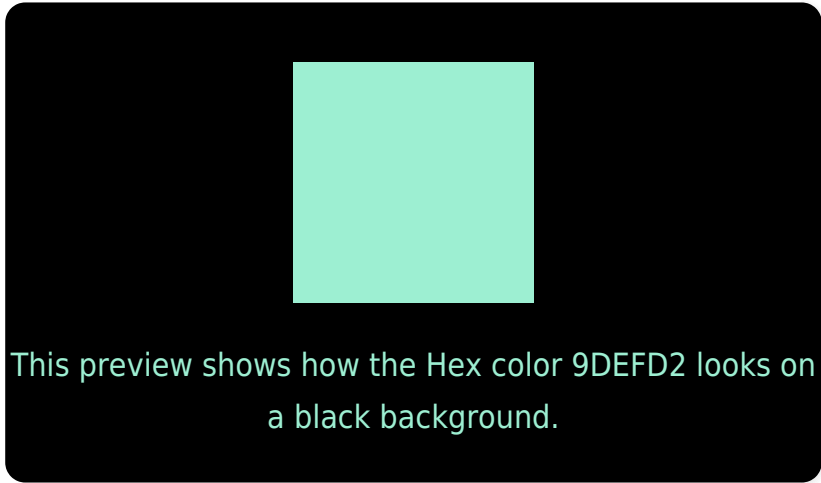
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

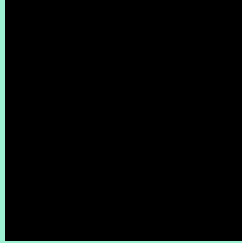
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

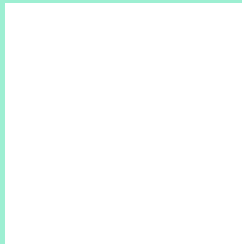
Any Text WCAG AAA ✓ Pass

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

Hex 9DEFD2 Background



This preview shows how black text looks on a background with the Hex color 9DEFD2.

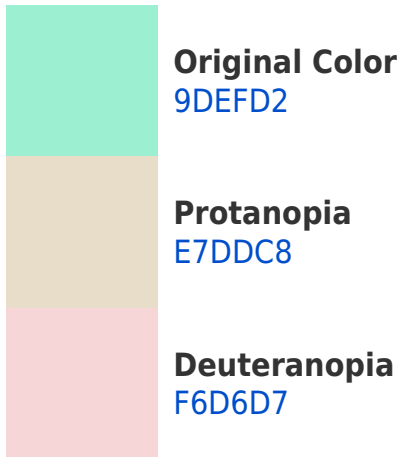


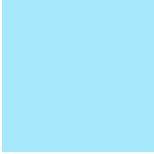
This preview shows how white text looks on a background with the Hex color 9DEFD2.

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



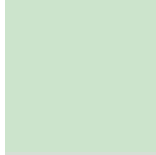


Tritanopia
A6E9FC

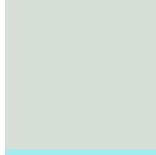
Trichromacy



Original Color
9DEFD2



Protanomaly
CCE4CC



Deuteranomaly
D6DFD5

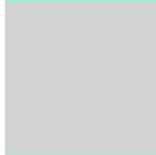


Tritanomaly
A3EBED

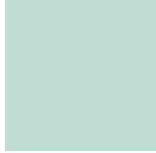
Monochromacy



Original Color
9DEFD2



Achromatopsia
D3D3D3



Achromatomaly
BFDDDD3

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DEFD2 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 #9DEFD2 looks like.

```
.text, #text, p{  
    color:#9DEFD2  
}
```

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 #9DEFD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DEFD2
}
```

Border

The CSS property to change the border of an element to Hex 9DEFD2 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
#9DEFD2 }
```

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

```
.border{ border-color:#9DEFD2 }
```

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

Here you see how a box with a 4 pixel #9DEFD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DEFD2; -webkit-box-shadow:4px 4px  
4px 4px #9DEFD2; box-shadow:4px 4px 4px  
4px #9DEFD2 }
```

Background

The CSS property to change the background color of an element to Hex 9DEFD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DEFD2 }
```

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

```
.background{ background-color:#9DEFD2 }
```

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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