

Converting Colors

Hex(9DDBC3)

Have a look what the booklet for
Hex(9DDBC3) contains.

| | |
|--|----|
| Hex(9DDBC3) | 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(9DDBC3)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9DDBC3 |
| RGB | 157, 219, 195 |
| RGB Percent | 62%, 86%, 76% |
| CMY | 0.3843, 0.1412, 0.2353 |
| CMYK | 0.28, 0.00, 0.11, 0.14 |
| HSL | 157°, 46%, 74% |
| HSV | 157°, 28%, 86% |
| XYZ | 49.0865, 61.7713, 60.9657 |
| YIQ | 197.7260, -29.2480, -20.6080 |

Conversions

Conversions Part 2

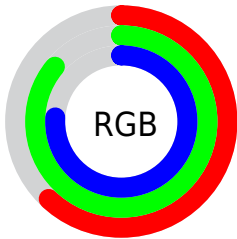
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 157, 195, 219 |
| Decimal | 10345411 |
| CIELab | 82.79, -24.67, 5.49 |
| CIELCh | 83, 25.275, 167.462 |
| Yxy | 61.7713, 0.2857, 0.3595 |
| Android (android.graphics.Color) | 4288535491 (0xFF9DDBC3) |
| YUV | 197.7260, -1.3439, -35.7167 |
| Hunter-Lab | 78.5947, -26.0582, 9.0252 |

Details

The Hex color **9DDBC3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DB9DB5**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **D5FFFC**, and **68A48D** is the 20% darker color. If you saturate the color by 10%, you get **87DBBB**, and if you desaturate by 10%, it is **B3DBC6**.

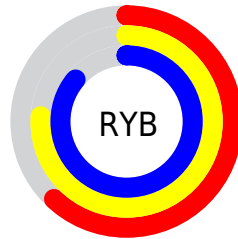
Distribution



Red (62%)

Green (86%)

Blue (76%)



Red (62%)

Yellow (76%)

Blue (86%)

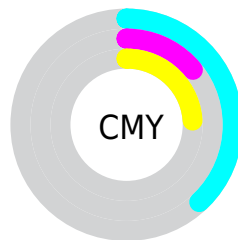


Cyan (28%)

Magenta (0%)

Yellow (11%)

Black (14%)



Cyan (38%)

Magenta (14%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DDBC3 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 9DDBC3 by changing the saturation by 10% instead.

 9DDBC3

 9DDBC3

FFFFFF

 82BFA8

 D5FFFC

 68A48D

 F2FFFF

 4E8974

 35705B

 1A5744

 003F2E

 002919

 001100

 000000

 9DDBC3

 9DDBC3

 87DBBB

 B3DBC3

 71DBB2

 C9DBD4

 5BDBAA

 DFDBDC

 45DBA1

 F5DBE5

 30DB99

 FFDBED

 1ADB90

 FFDBF6

 04DB88

 FFDBFE

 00DB86

 FFDBFF

Harmonies

Analogous

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



B6D7AD



9DDBC3



8DDCDB

Triad

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



9DDBC3



C5CBFB



FAC2AC

Complementary

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



9DDBC3



DB9DB5

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.



FFBEC1



9DDBC3



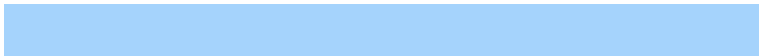
E3C4EE

Square

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



9DDBC3



A5D3FC



F8BED9



E9C9A0

Rectangle

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



9DDBC3



8CDAEA



F8BED9



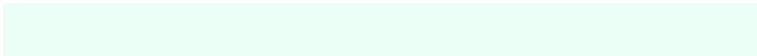
FDC0B2

Sweetspot

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



9DDBC3



EBFFF7



B6DB9D



73807B



000000



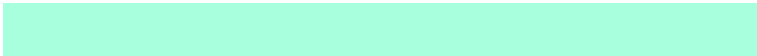
808080

Same Dimension

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



9DDBC3



A8FFDD



9DD5DB



636E69



00AD6A



002E1C

Inverse Universe

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



DB9DB5



FFA8CA



DBA39D



6E6367



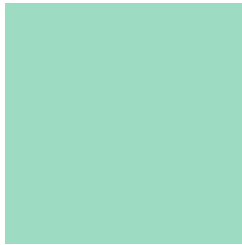
AD0043



2E0012

Previews

White Background



This preview shows how the Hex color 9DDBC3 looks on a white background.

Color Contrast Check

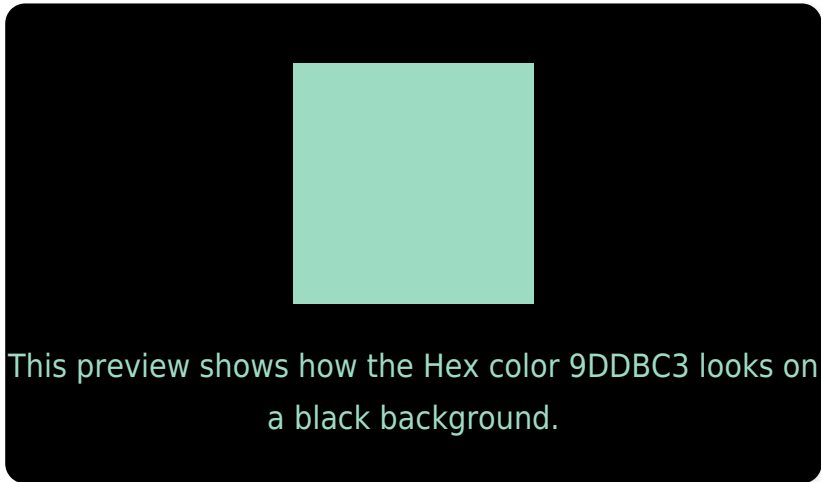
Large Text (above 18pt) WCAG AA × Fail

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

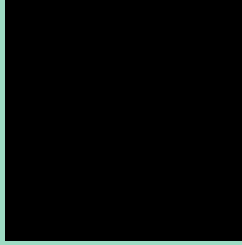
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

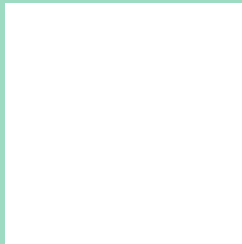
Any Text WCAG AAA ✓ Pass

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

Hex 9DDBC3 Background



This preview shows how black text looks on a background with the Hex color 9DDBC3.

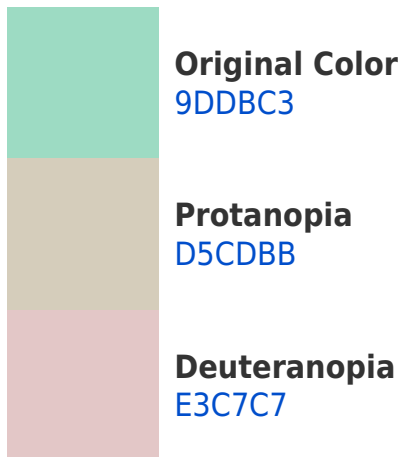


This preview shows how white text looks on a background with the Hex color 9DDBC3.

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
A4D6E7

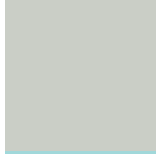
Trichromacy



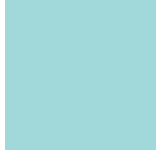
Original Color
9DDBC3



Protanomaly
C1D2BE



Deuteranomaly
CACEC6

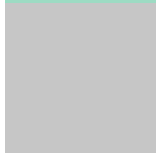


Tritanomaly
A1D8DA

Monochromacy



Original Color
9DDBC3



Achromatopsia
C6C6C6



Achromatomaly
B7CEC5

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DDBC3 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 #9DDBC3 looks like.

```
.text, #text, p{  
    color:#9DDBC3  
}
```

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 #9DDBC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DDBC3  
}
```

Border

The CSS property to change the border of an element to Hex 9DDBC3 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  
#9DDBC3 }
```

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

```
.border{ border-color:#9DDBC3 }
```

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

Here you see how a box with a 4 pixel #9DDBC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DDBC3; -webkit-box-shadow:4px 4px  
4px 4px #9DDBC3; box-shadow:4px 4px 4px  
4px #9DDBC3 }
```

Background

The CSS property to change the background color of an element to Hex 9DDBC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DDBC3 }
```

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

```
.background{ background-color:#9DDBC3 }
```

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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