

Converting Colors

Hex(9DD8B2)

Have a look what the booklet for
Hex(9DD8B2) contains.

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Color

Hex(9DD8B2)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9DD8B2 |
| RGB | 157, 216, 178 |
| RGB Percent | 62%, 85%, 70% |
| CMY | 0.3843, 0.1529, 0.3020 |
| CMYK | 0.27, 0.00, 0.18, 0.15 |
| HSL | 141°, 43%, 73% |
| HSV | 141°, 27%, 85% |
| XYZ | 46.4964, 59.4942, 51.1524 |
| YIQ | 194.0270, -22.9660, -24.3260 |

Conversions

Conversions Part 2

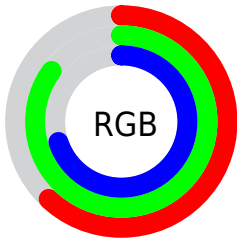
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 157, 201, 216 |
| Decimal | 10344626 |
| CIELab | 81.56, -26.56, 12.73 |
| CIELCh | 82, 29.453, 154.382 |
| Yxy | 59.4942, 0.2959, 0.3786 |
| Android (android.graphics.Color) | 4288534706 (0xFF9DD8B2) |
| YUV | 194.0270, -7.9013, -32.4727 |
| Hunter-Lab | 77.1325, -27.3799, 14.6730 |

Details

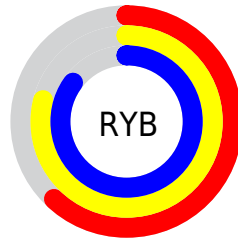
The Hex color **9DD8B2** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D89DC3**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **D5FFEA**, and **68A17D** is the 20% darker color. If you saturate the color by 10%, you get **87D8A4**, and if you desaturate by 10%, it is **B3D8C0**.

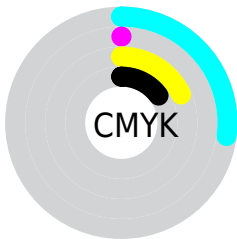
Distribution



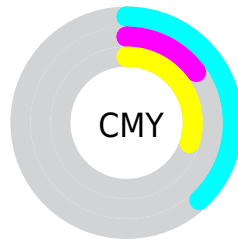
- Red (62%)
- Green (85%)
- Blue (70%)



- Red (62%)
- Yellow (79%)
- Blue (85%)



- Cyan (27%)
- Magenta (0%)
- Yellow (18%)
- Black (15%)



- Cyan (38%)
- Magenta (15%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DD8B2 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 9DD8B2 by changing the saturation by 10% instead.

 9DD8B2

 9DD8B2

FFFFFF

 82BC97

 D5FFEA

 68A17D

 F1FFFF

 4F8764

 356D4C

 1C5435

 003D20

 00270A

 000B00

 000000

 9DD8B2

 9DD8B2

 87D8A4

 B3D8C0

 72D896

 C8D8CE

 5CD888

 DED8DC

 47D87A

 F3D8EA

 31D86C

 FFD8F8

 1BD85F

 FFD8FF

 06D851

 00D84D

Harmonies

Analogous

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



BDD29D



9DD8B2



82DACE

Triad

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



9DD8B2



AECCFF



FFB9AD

Complementary

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



9DD8B2



D89DC3

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.



FFB7C8



9DD8B2



D4C2F8

Square

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



9DD8B2



8AD4FC



F2BAE3



F3C19A

Rectangle

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



9DD8B2



79DAE0



F2BAE3



FFB8B5

Sweetspot

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



9DD8B2



EBFFF2



C3D89D



738077



000000



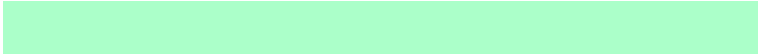
808080

Same Dimension

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



9DD8B2



ABFFC9



9DD8CF



606B64



00AB3D



002B0F

Inverse Universe

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



D89DC3



FFABE1



D89DA6



6B6067



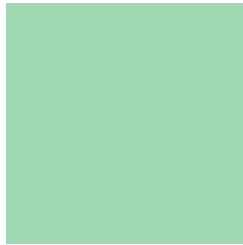
AB006E



2B001C

Previews

White Background



This preview shows how the Hex color 9DD8B2 looks on a white background.

Color Contrast Check

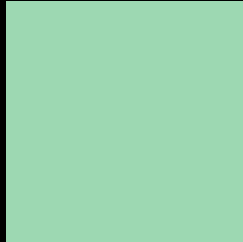
Large Text (above 18pt) WCAG AA × Fail

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 9DD8B2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

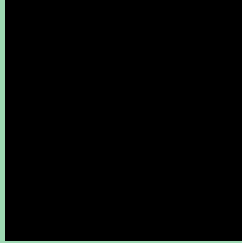
Any Text WCAG AA ✓ Pass

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 9DD8B2 Background



This preview shows how black text looks on a background with the Hex color 9DD8B2.

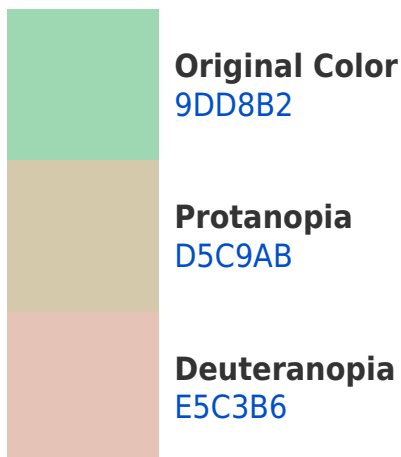


This preview shows how white text looks on a background with the Hex color 9DD8B2.

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
A6D1E2

Trichromacy



Original Color
9DD8B2



Protanomaly
C1CEAE



Deuteranomaly
CBCBB5

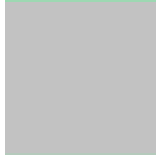


Tritanomaly
A3D4D1

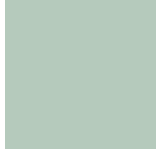
Monochromacy



Original Color
9DD8B2



Achromatopsia
C2C2C2



Achromatomaly
B5CABC

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DD8B2 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 #9DD8B2 looks like.

```
.text, #text, p{  
    color:#9DD8B2  
}
```

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 #9DD8B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DD8B2
}
```

Border

The CSS property to change the border of an element to Hex 9DD8B2 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
#9DD8B2 }
```

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

```
.border{ border-color:#9DD8B2 }
```

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

Here you see how a box with a 4 pixel #9DD8B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DD8B2; -webkit-box-shadow:4px 4px  
4px 4px #9DD8B2; box-shadow:4px 4px 4px  
4px #9DD8B2 }
```

Background

The CSS property to change the background color of an element to Hex 9DD8B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DD8B2 }
```

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

```
.background{ background-color:#9DD8B2 }
```

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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