

Converting Colors

Hex(9BDDC2)

Have a look what the booklet for
Hex(9BDDC2) contains.

Hex(9BDDC2)	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(9BDDC2)

Conversions

Conversions Part 1

Format	Color
Hex	9BDDC2
RGB	155, 221, 194
RGB Percent	61%, 87%, 76%
CMY	0.3922, 0.1333, 0.2392
CMYK	0.30, 0.00, 0.12, 0.13
HSL	155°, 49%, 74%
HSV	155°, 30%, 87%
XYZ	49.1116, 62.5765, 60.5290
YIQ	198.1880, -30.6690, -22.3890

Conversions

Conversions Part 2

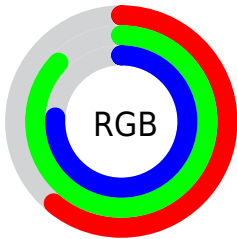
Format	Color
RYB	155, 196, 221
Decimal	10214850
CIELab	83.22, -26.45, 6.62
CIELCh	83, 27.261, 165.950
Yxy	62.5765, 0.2852, 0.3634
Android (android.graphics.Color)	4288404930 (0xFF9BDDC2)
YUV	198.1880, -2.0647, -37.8759
Hunter-Lab	79.1053, -27.6146, 10.0068

Details

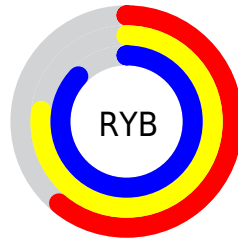
The Hex color **9BDDC2** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DD9BB6**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **D3FFFA**, and **66A68C** is the 20% darker color. If you saturate the color by 10%, you get **85DDB9**, and if you desaturate by 10%, it is **B1DDCB**.

Distribution



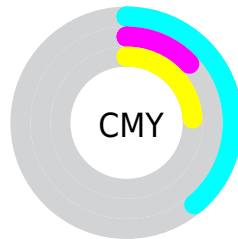
- Red (61%)
- Green (87%)
- Blue (76%)



- Red (61%)
- Yellow (77%)
- Blue (87%)



- Cyan (30%)
- Magenta (0%)
- Yellow (12%)
- Black (13%)



- Cyan (39%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BDDC2 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 9BDDC2 by changing the saturation by 10% instead.

 9BDDC2

 9BDDC2

FFFFFF

 80C1A7

 D3FFFA

 66A68C

 F0FFFF

 4C8B73

 32715A

 165943

 00412D

 002A18

 001300

 000000

 9BDDC2

 9BDDC2

 85DDB9

 B1DDCB

 6FDDB0

 C7DDD4

 59DDA7

 DDDDDD

 43DD9E

 F3DDE6

 2CDD95

 FFDDEF

 16DD8C

 FFDDF8

 00DD83

 FFDDFF

Harmonies

Analogous

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



B7D9AB



9BDDC2



88DEDC

Triad

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



9BDDC2



C3CDFF



FFC2AC

Complementary

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



9BDDC2



DD9BB6

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.



FFBDC2



9BDDC2



E4C4F3

Square

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



9BDDC2



A1D5FF



FBEDC



EECA9E

Rectangle

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



9BDDC2



86DCEC



FBBEDC



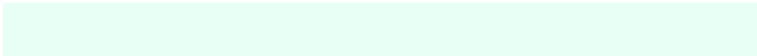
FFC0B2

Sweetspot

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



9BDDC2



E8FFF6



B7DD9B



71807A



000000



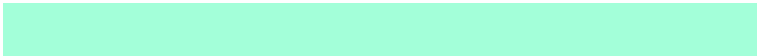
808080

Same Dimension

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



9BDDC2



A3FFD9



9BD8DD



636E69



00AD66



002E1B

Inverse Universe

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



DD9BB6



FFA3C9



DDA09B



6E6367



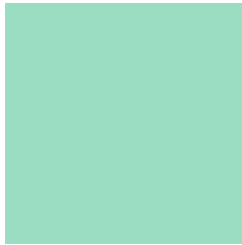
AD0047



2E0013

Previews

White Background



This preview shows how the Hex color 9BDDC2 looks on a white background.

Color Contrast Check

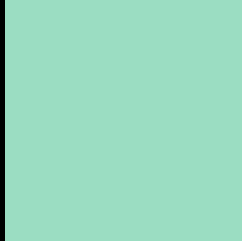
Large Text (above 18pt) WCAG AA × Fail

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 9BDDC2 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 9BDDC2 Background



This preview shows how black text looks on a background with the Hex color 9BDDC2.



This preview shows how white text looks on a background with the Hex color 9BDDC2.

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
A3D7E9

Trichromacy



Original Color
9BDDC2



Protanomaly
C1D3BD



Deuteranomaly
CAD0C5

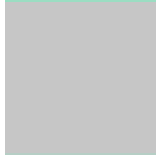


Tritanomaly
A0D9DB

Monochromacy



Original Color
9BDDC2



Achromatopsia
C6C6C6



Achromatomaly
B6CEC5

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BDDC2 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 #9BDDC2 looks like.

```
.text, #text, p{  
    color:#9BDDC2  
}
```

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 #9BDDC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BDDC2
}
```

Border

The CSS property to change the border of an element to Hex 9BDDC2 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
#9BDDC2 }
```

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

```
.border{ border-color:#9BDDC2 }
```

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

Here you see how a box with a 4 pixel #9BDDC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BDDC2; -webkit-box-shadow:4px 4px  
4px 4px #9BDDC2; box-shadow:4px 4px 4px  
4px #9BDDC2 }
```

Background

The CSS property to change the background color of an element to Hex 9BDDC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BDDC2 }
```

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

```
.background{ background-color:#9BDDC2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor