

Converting Colors

Hex(9BD4D2)

Have a look what the booklet for
Hex(9BD4D2) contains.

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Color

Hex(9BD4D2)

Conversions

Conversions Part 1

Format	Color
Hex	9BD4D2
RGB	155, 212, 210
RGB Percent	61%, 83%, 82%
CMY	0.3922, 0.1686, 0.1765
CMYK	0.27, 0.00, 0.01, 0.17
HSL	178°, 40%, 72%
HSV	178°, 27%, 83%
XYZ	48.6939, 58.7087, 69.7382
YIQ	194.7290, -33.3300, -12.7060

Conversions

Conversions Part 2

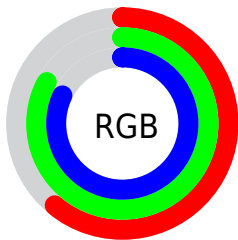
Format	Color
RYB	155, 184, 212
Decimal	10212562
CIELab	81.13, -18.59, -4.93
CIELCh	81, 19.230, 194.858
Yxy	58.7087, 0.2749, 0.3314
Android (android.graphics.Color)	4288402642 (0xFF9BD4D2)
YUV	194.7290, 7.5286, -34.8423
Hunter-Lab	76.6216, -20.6489, -0.3285

Details

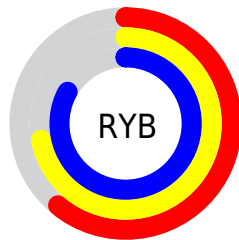
The Hex color **9BD4D2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D49B9D**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **D3FFFF**, and **669D9C** is the 20% darker color. If you saturate the color by 10%, you get **86D4D1**, and if you desaturate by 10%, it is **B0D4D3**.

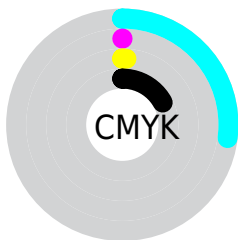
Distribution



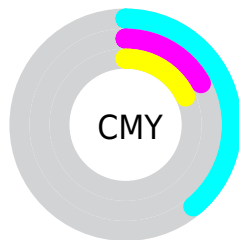
- Red (61%)
- Green (83%)
- Blue (82%)



- Red (61%)
- Yellow (72%)
- Blue (83%)



- Cyan (27%)
- Magenta (0%)
- Yellow (1%)
- Black (17%)



- Cyan (39%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BD4D2 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 9BD4D2 by changing the saturation by 10% instead.

 9BD4D2

 9BD4D2

FFFFFF

 80B8B6

 D3FFFF

 669D9C

 F0FFFF


 4C8382

 326A68

 175150

 003A3A

 002424

 00080F

 000000

 9BD4D2

 9BD4D2

 86D4D1

 B0D4D3

 71D4D1

 C5D4D3

 5BD4D0

 DBD4D4

 46D4CF

 F0D4D5

 31D4CE

 FFD4D6

 1CD4CE

 FFD4D7

 07D4CD

 FFD4D8

 00D4CD

 FFD4D9

Harmonies

Analogous

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



A7D3BF



9BD4D2



9CD2E2

Triad

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



9BD4D2



D8C2E3



E0C5A7

Complementary

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



9BD4D2



D49B9D

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.



ECC0B1



9BD4D2



E8BED3

Square

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



9BD4D2



C1C8EC



EFBDC1



CECBA7

Rectangle

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



9BD4D2



A4CFE9



EFBDC1



E5C3A9

Sweetspot

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



9BD4D2



EBFFFE



9ED49B



73807F



000000



808080

Same Dimension

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



9BD4D2



ADFFFC



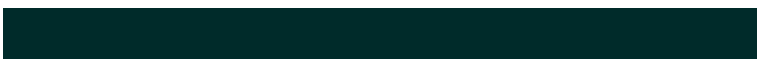
9BBAD4



606B6B



00ABA5



002B2A

Inverse Universe

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



D49B9D



FFADB0



D4B59B



6B6061



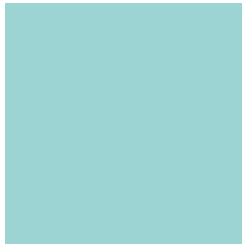
AB0006



2B0002

Previews

White Background



This preview shows how the Hex color 9BD4D2 looks on a white background.

Color Contrast Check

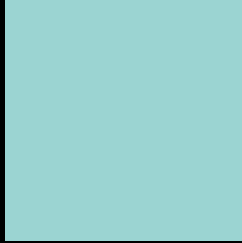
Large Text (above 18pt) WCAG AA × Fail

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 9BD4D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

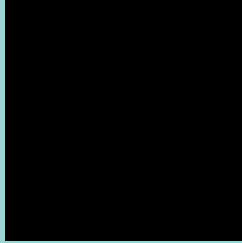
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

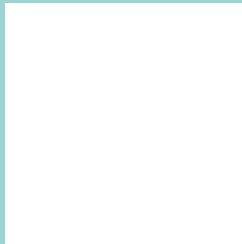
Any Text WCAG AAA ✓ Pass

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

Hex 9BD4D2 Background



This preview shows how black text looks on a background with the Hex color 9BD4D2.



This preview shows how white text looks on a background with the Hex color 9BD4D2.

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
9FD1E2

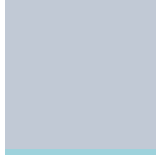
Trichromacy



Original Color
9BD4D2



Protanomaly
BACCCE



Deuteranomaly
C1C9D5

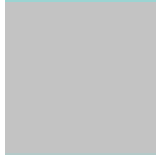


Tritanomaly
9ED2DC

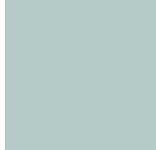
Monochromacy



Original Color
9BD4D2



Achromatopsia
C3C3C3



Achromatomaly
B4C9C8

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BD4D2 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 #9BD4D2 looks like.

```
.text, #text, p{  
    color:#9BD4D2  
}
```

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 #9BD4D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BD4D2
}
```

Border

The CSS property to change the border of an element to Hex 9BD4D2 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
#9BD4D2 }
```

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

```
.border{ border-color:#9BD4D2 }
```

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

Here you see how a box with a 4 pixel #9BD4D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BD4D2; -webkit-box-shadow:4px 4px  
4px 4px #9BD4D2; box-shadow:4px 4px 4px  
4px #9BD4D2 }
```

Background

The CSS property to change the background color of an element to Hex 9BD4D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BD4D2 }
```

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

```
.background{ background-color:#9BD4D2 }
```

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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