

Converting Colors

Hex(9BD7D3)

Have a look what the booklet for
Hex(9BD7D3) contains.

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Color

Hex(9BD7D3)

Conversions

Conversions Part 1

Format	Color
Hex	9BD7D3
RGB	155, 215, 211
RGB Percent	61%, 84%, 83%
CMY	0.3922, 0.1569, 0.1725
CMYK	0.28, 0.00, 0.02, 0.16
HSL	176°, 43%, 73%
HSV	176°, 28%, 84%
XYZ	49.5759, 60.2726, 70.6489
YIQ	196.6040, -34.4760, -13.9640

Conversions

Conversions Part 2

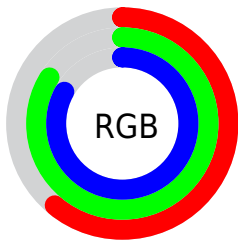
Format	Color
R _Y B	155, 186, 215
Decimal	10213331
CIE Lab	81.99, -19.87, -4.20
CIE LCh	82, 20.311, 191.946
Yxy	60.2726, 0.2747, 0.3339
Android (android.graphics.Color)	4288403411 (0xFF9BD7D3)
YUV	196.6040, 7.0972, -36.4867
Hunter-Lab	77.6354, -21.8767, 0.3904

Details

The Hex color **9BD7D3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D79B9F**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D3FFFF**, and **66A09D** is the 20% darker color. If you saturate the color by 10%, you get **85D7D2**, and if you desaturate by 10%, it is **B1D7D4**.

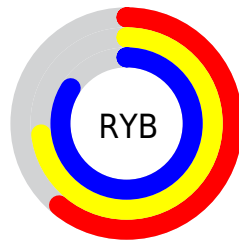
Distribution



Red (61%)

Green (84%)

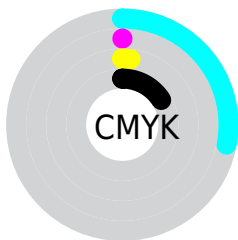
Blue (83%)



Red (61%)

Yellow (73%)

Blue (84%)

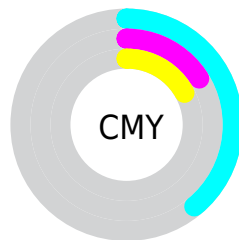


Cyan (28%)

Magenta (0%)

Yellow (2%)

Black (16%)



Cyan (39%)

Magenta (16%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BD7D3 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 9BD7D3 by changing the saturation by 10% instead.

 9BD7D3

 9BD7D3

FFFFFF

 80BBB7

 D3FFFF

 66A09D

 F0FFFF

 4C8683

 326C69

 155451

 003C3A

 002625

 000E10

 000000

 9BD7D3

 9BD7D3

 85D7D2

 B1D7D4

 70D7D0

 C6D7D6

 5AD7CF

 DCD7D7

 45D7CD

 F1D7D9

 2FD7CC

 FFD7DA

 1AD7CA

 FFD7DC

 04D7C9

 FFD7DD

 00D7C9

 FFD7DE

 FFD7E0

Harmonies

Analogous

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



A9D6BF



9BD7D3



9AD5E5

Triad

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



9BD7D3



D9C5E8



E5C7A8

Complementary

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



9BD7D3



D79B9F

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.



F1C1B3



9BD7D3



EBC0D8

Square

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



9BD7D3



C0CBF1



F4BFC5



D3CDA7

Rectangle

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



9BD7D3



A3D3ED



F4BFC5



EAC5AB

Sweetspot

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



9BD7D3



EBFFFE



9FD79B



73807F



000000



808080

Same Dimension

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



9BD7D3



ABFFF9



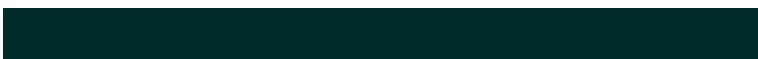
9BBDD7



606B6A



00AB9F



002B28

Inverse Universe

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



D79B9F



FFABB0



D7B59B



6B6061



AB000B



2B0003

Previews

White Background



This preview shows how the Hex color 9BD7D3 looks on a white background.

Color Contrast Check

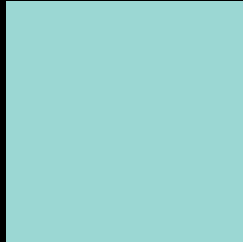
Large Text (above 18pt) WCAG AA × Fail

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 9BD7D3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

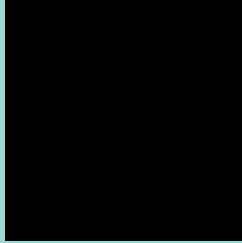
Any Text WCAG AA ✓ Pass

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 9BD7D3 Background



This preview shows how black text looks on a background with the Hex color 9BD7D3.

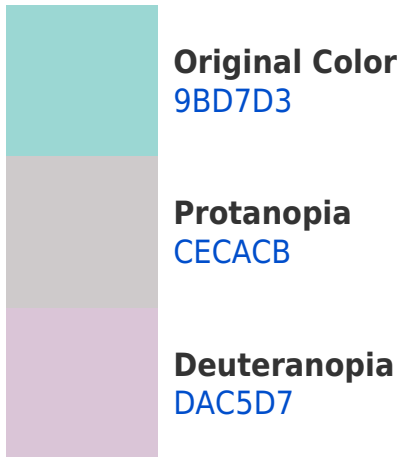


This preview shows how white text looks on a background with the Hex color 9BD7D3.

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
9FD4E5

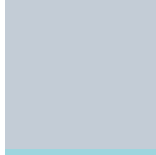
Trichromacy



Original Color
9BD7D3



Protanomaly
BBCFCE



Deuteranomaly
C3CCD6

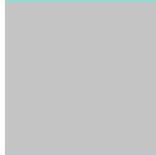


Tritanomaly
9ED5DE

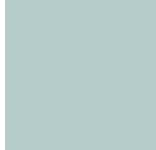
Monochromacy



Original Color
9BD7D3



Achromatopsia
C5C5C5



Achromatomaly
B6CCCA

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BD7D3 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 #9BD7D3 looks like.

```
.text, #text, p{  
    color:#9BD7D3  
}
```

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 #9BD7D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BD7D3  
}
```

Border

The CSS property to change the border of an element to Hex 9BD7D3 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  
#9BD7D3 }
```

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

```
.border{ border-color:#9BD7D3 }
```

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

Here you see how a box with a 4 pixel #9BD7D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BD7D3; -webkit-box-shadow:4px 4px  
4px 4px #9BD7D3; box-shadow:4px 4px 4px  
4px #9BD7D3 }
```

Background

The CSS property to change the background color of an element to Hex 9BD7D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BD7D3 }
```

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

```
.background{ background-color:#9BD7D3 }
```

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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