

Converting Colors

Hex(9BD6D6)

Have a look what the booklet for
Hex(9BD6D6) contains.

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Color

Hex(9BD6D6)

Conversions

Conversions Part 1

Format	Color
Hex	9BD6D6
RGB	155, 214, 214
RGB Percent	61%, 84%, 84%
CMY	0.3922, 0.1608, 0.1608
CMYK	0.28, 0.00, 0.00, 0.16
HSL	180°, 42%, 72%
HSV	180°, 28%, 84%
XYZ	49.7017, 59.9167, 72.5639
YIQ	196.3590, -35.1640, -12.5080

Conversions

Conversions Part 2

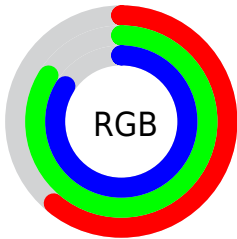
Format	Color
R _{YB}	155, 185, 214
Decimal	10213078
CIE Lab	81.79, -18.70, -6.09
CIE LCh	82, 19.664, 198.034
Yxy	59.9167, 0.2728, 0.3289
Android (android.graphics.Color)	4288403158 (0xFF9BD6D6)
YUV	196.3590, 8.6970, -36.2718
Hunter-Lab	77.4059, -20.8468, -1.3970

Details

The Hex color **9BD6D6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D69B9B**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **D3FFFF**, and **659F9F** is the 20% darker color. If you saturate the color by 10%, you get **86D6D6**, and if you desaturate by 10%, it is **B0D6D6**.

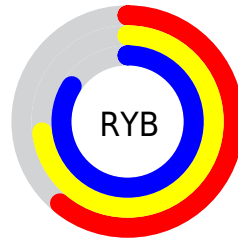
Distribution



Red (61%)

Green (84%)

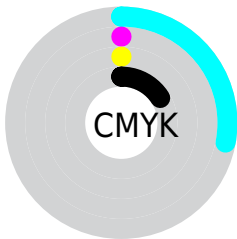
Blue (84%)



Red (61%)

Yellow (73%)

Blue (84%)

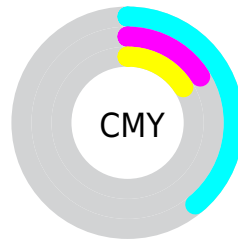


Cyan (28%)

Magenta (0%)

Yellow (0%)

Black (16%)



Cyan (39%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BD6D6 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 9BD6D6 by changing the saturation by 10% instead.

 9BD6D6

 9BD6D6

FFFFFF

 80BABA


 D3FFFF

 659F9F

 F0FFFF

 4B8585

 316C6C

 155354

 003C3D

 002627

 000D13

 000000

 9BD6D6

 9BD6D6

 86D6D6

 B0D6D6

 70D6D6

 C6D6D6

 5BD6D6

 DBD6D6

 45D6D6

 F1D6D6

 30D6D6

 FFD6D6

 1BD6D6

 05D6D6

 00D6D6

Harmonies

Analogous

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



A6D6C3



9BD6D6



9ED4E6

Triad

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



9BD6D6



DCC3E4



E1C8A8

Complementary

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



9BD6D6



D69B9B

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.



EEC2B1



9BD6D6



ECBFD3

Square

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



9BD6D6



C5C9EE



F2BFC1



CECEA8

Rectangle

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



9BD6D6



A7D1ED



F2BFC1



E6C6AA

Sweetspot

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



9BD6D6



EBFFFF



9BD69B



738080



000000



808080

Same Dimension

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



9BD6D6



ABFFFF



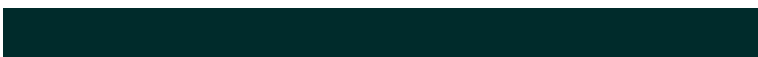
9BB9D6



606B6B



00ABAB



002B2B

Inverse Universe

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



D69BD6



FFABFF



D6B99B



6B606B



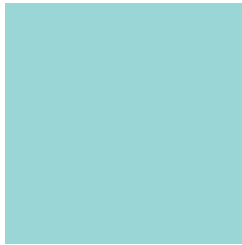
AB00AB



2B002B

Previews

White Background



This preview shows how the Hex color 9BD6D6 looks on a white background.

Color Contrast Check

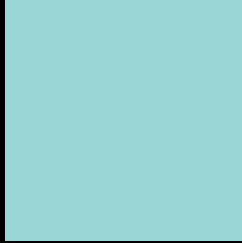
Large Text (above 18pt) WCAG AA × Fail

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 9BD6D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

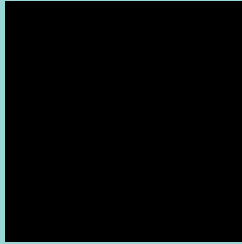
Any Text WCAG AA ✓ Pass

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 9BD6D6 Background



This preview shows how black text looks on a background with the Hex color 9BD6D6.

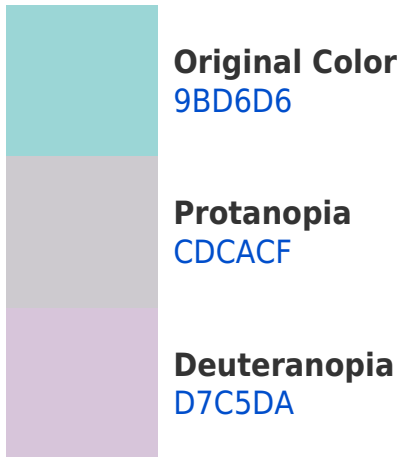


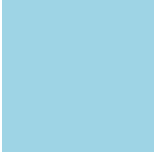
This preview shows how white text looks on a background with the Hex color 9BD6D6.

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](#).

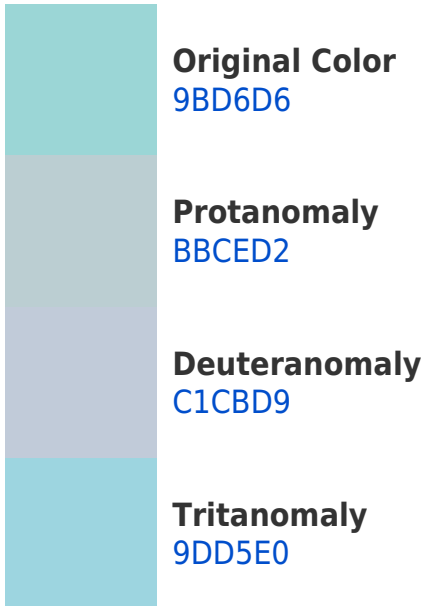
Dichromacy





Tritanopia
9ED4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BD6D6 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 #9BD6D6 looks like.

```
.text, #text, p{  
    color:#9BD6D6  
}
```

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 #9BD6D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BD6D6  
}
```

Border

The CSS property to change the border of an element to Hex 9BD6D6 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  
#9BD6D6 }
```

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

```
.border{ border-color:#9BD6D6 }
```

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

Here you see how a box with a 4 pixel #9BD6D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BD6D6; -webkit-box-shadow:4px 4px  
4px 4px #9BD6D6; box-shadow:4px 4px 4px  
4px #9BD6D6 }
```

Background

The CSS property to change the background color of an element to Hex 9BD6D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BD6D6 }
```

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

```
.background{ background-color:#9BD6D6 }
```

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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