

Converting Colors

Hex(9DD6B7)

Have a look what the booklet for
Hex(9DD6B7) contains.

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Color

Hex(9DD6B7)

Conversions

Conversions Part 1

Format	Color
Hex	9DD6B7
RGB	157, 214, 183
RGB Percent	62%, 84%, 72%
CMY	0.3843, 0.1608, 0.2824
CMYK	0.27, 0.00, 0.14, 0.16
HSL	147°, 41%, 73%
HSV	147°, 27%, 84%
XYZ	46.4984, 58.6801, 53.6754
YIQ	193.4230, -24.0210, -21.7250

Conversions

Conversions Part 2

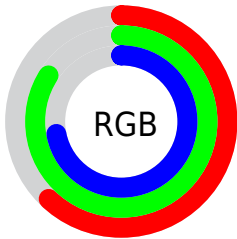
Format	Color
RYB	157, 196, 214
Decimal	10344119
CIELab	81.12, -24.62, 9.45
CIELCh	81, 26.375, 159.008
Yxy	58.6801, 0.2927, 0.3694
Android (android.graphics.Color)	4288534199 (0xFF9DD6B7)
YUV	193.4230, -5.1385, -31.9430
Hunter-Lab	76.6030, -25.7046, 12.0778

Details

The Hex color **9DD6B7** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D69DBC**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **D5FFEF**, and **689F82** is the 20% darker color. If you saturate the color by 10%, you get **88D6AB**, and if you desaturate by 10%, it is **B2D6C3**.

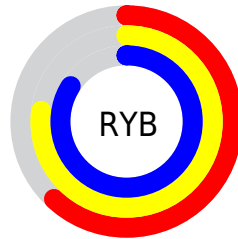
Distribution



Red (62%)

Green (84%)

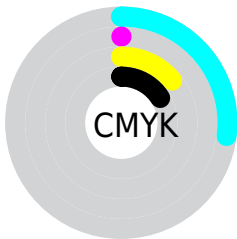
Blue (72%)



Red (62%)

Yellow (77%)

Blue (84%)

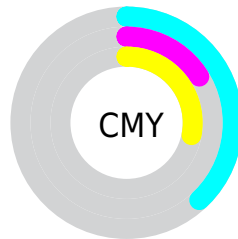


Cyan (27%)

Magenta (0%)

Yellow (14%)

Black (16%)



Cyan (38%)

Magenta (16%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DD6B7 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 9DD6B7 by changing the saturation by 10% instead.

 9DD6B7

 9DD6B7

FFFFFF

 82BA9C

 D5FFEF

 689F82

 F1FFFF

 4F8569

 366B51

 1C533A

 003B24

 00250F

 000800

 000000

 9DD6B7

 9DD6B7

 88D6AB

 B2D6C3

 72D6A0

 C8D6CE

 5DD694

 DDD6DA

 47D688

 F3D6E6

 32D67D

 FFD6F1

 1DD671

 FFD6FD

 07D666

 FFD6FF

 00D662

Harmonies

Analogous

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



B9D1A3



9DD6B7



88D8D0

Triad

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



9DD6B7



B6C9FA



F9BBAB

Complementary

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



9DD6B7



D69DBC

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.



FBB8C3



9DD6B7



D7C1F0

Square

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



9DD6B7



96D1F7



F0BADC



EBC29C

Rectangle

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



9DD6B7



83D7E0



F0BADC



FCB9B3

Sweetspot

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



9DD6B7



EBFFF4



BCD69D



738079



000000



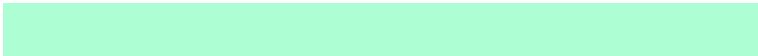
808080

Same Dimension

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



9DD6B7



ADFFD3



9DD6D3



606B65



00AB4E



002B14

Inverse Universe

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



D69DBC



FFADDA



D69DA0



6B6066



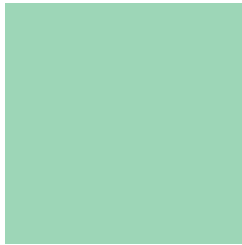
AB005D



2B0018

Previews

White Background



This preview shows how the Hex color 9DD6B7 looks on a white background.

Color Contrast Check

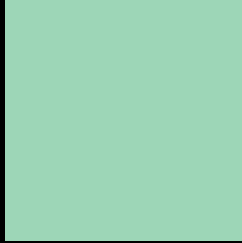
Large Text (above 18pt) WCAG AA × Fail

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 9DD6B7 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

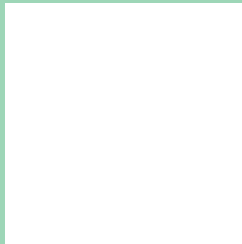
Any Text WCAG AAA ✓ Pass

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

Hex 9DD6B7 Background



This preview shows how black text looks on a background with the Hex color 9DD6B7.

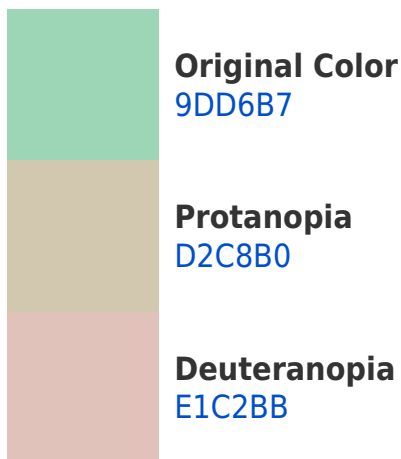


This preview shows how white text looks on a background with the Hex color 9DD6B7.

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
A5D0E1

Trichromacy



Original Color
9DD6B7



Protanomaly
BFCDB3



Deuteranomaly
C8C9BA

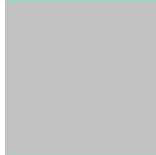


Tritanomaly
A2D2D2

Monochromacy



Original Color
9DD6B7



Achromatopsia
C1C1C1



Achromatomaly
B4C9BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DD6B7 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 #9DD6B7 looks like.

```
.text, #text, p{  
    color:#9DD6B7  
}
```

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 #9DD6B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DD6B7
}
```

Border

The CSS property to change the border of an element to Hex 9DD6B7 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
#9DD6B7 }
```

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

```
.border{ border-color:#9DD6B7 }
```

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

Here you see how a box with a 4 pixel #9DD6B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DD6B7; -webkit-box-shadow:4px 4px  
4px 4px #9DD6B7; box-shadow:4px 4px 4px  
4px #9DD6B7 }
```

Background

The CSS property to change the background color of an element to Hex 9DD6B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DD6B7 }
```

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

```
.background{ background-color:#9DD6B7 }
```

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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