

Converting Colors

Hex(9DB6D6)

Have a look what the booklet for
Hex(9DB6D6) contains.

Hex(9DB6D6)	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(9DB6D6)

Conversions

Conversions Part 1

Format	Color
Hex	9DB6D6
RGB	157, 182, 214
RGB Percent	62%, 71%, 84%
CMY	0.3843, 0.2863, 0.1608
CMYK	0.27, 0.15, 0.00, 0.16
HSL	214°, 41%, 73%
HSV	214°, 27%, 84%
XYZ	42.7702, 45.4790, 70.1424
YIQ	178.1730, -25.1720, 4.6520

Conversions

Conversions Part 2

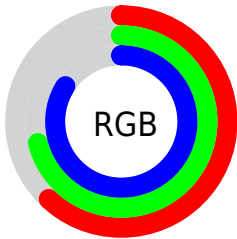
Format	Color
R _Y B	157, 174, 214
Decimal	10335958
CIE Lab	73.21, -1.36, -18.93
CIE LCh	73, 18.976, 265.897
Yxy	45.4790, 0.2700, 0.2871
Android (android.graphics.Color)	4288526038 (0xFF9DB6D6)
YUV	178.1730, 17.6627, -18.5687
Hunter-Lab	67.4381, -4.8097, -14.4608

Details

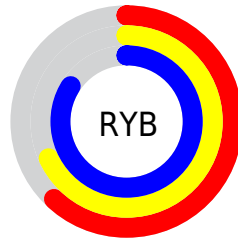
The Hex color **9DB6D6** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **D6BD9D**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **D4EEFF**, and **68819F** is the 20% darker color. If you saturate the color by 10%, you get **88AAD6**, and if you desaturate by 10%, it is **B2C2D6**.

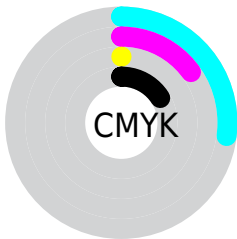
Distribution



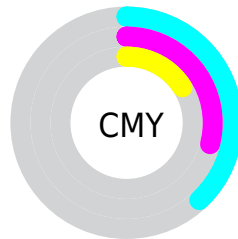
- Red (62%)
- Green (71%)
- Blue (84%)



- Red (62%)
- Yellow (68%)
- Blue (84%)



- Cyan (27%)
- Magenta (15%)
- Yellow (0%)
- Black (16%)



- Cyan (38%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DB6D6 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 9DB6D6 by changing the saturation by 10% instead.

■ 9DB6D6

■ 9DB6D6

FFFFFF

■ 829BBA

■ D4EEFF

■ 68819F

■ F1FFFF

■ 4F6885

■ 36506C

■ 1E3953

■ 02243C

■ 000E26

■ 000110

■ 000000

 9DB6D6

 9DB6D6

 88AAD6

 B2C2D6

 729ED6

 C8CED6

 5D92D6

 DDDAD6

 4786D6

 F3E6D6

 327AD6

 FFF2D6

 1D6ED6

 FFFED6

 0762D6

 FFFFD6

 005ED6

Harmonies

Analogous

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



8BBBD0



9DB6D6



B4B0D3

Triad

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



9DB6D6



D8A8A5



9DBCA0

Complementary

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



9DB6D6



D6BD9D

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.



B1B794



9DB6D6



D2AC98

Square

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



9DB6D6



D5A8B7



C4B291



8DBEB1

Rectangle

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



9DB6D6



C2ACCC



C4B291



A4BA9B

Sweetspot

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



9DB6D6



EBF4FF



9DD6BC



737880



000000



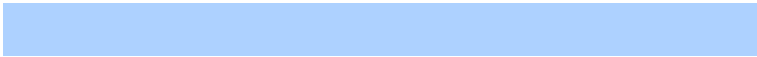
808080

Same Dimension

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



9DB6D6



ADD1FF



A09DD6



60656B



004BAB



00132B

Inverse Universe

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



D69DB6



FFADD1



D3D69D



6B6065



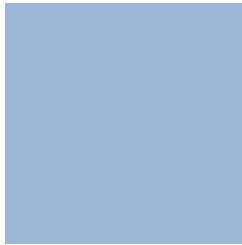
AB004B



2B0013

Previews

White Background



This preview shows how the Hex color 9DB6D6 looks on a white background.

Color Contrast Check

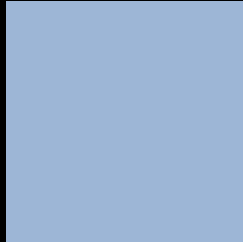
Large Text (above 18pt) WCAG AA × Fail

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 9DB6D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

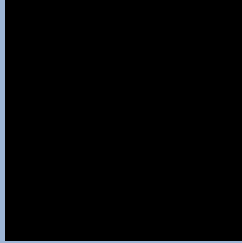
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

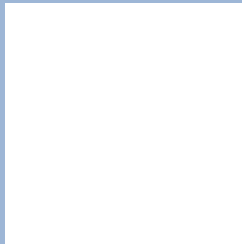
Any Text WCAG AAA ✓ Pass

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

Hex 9DB6D6 Background



This preview shows how black text looks on a background with the Hex color 9DB6D6.

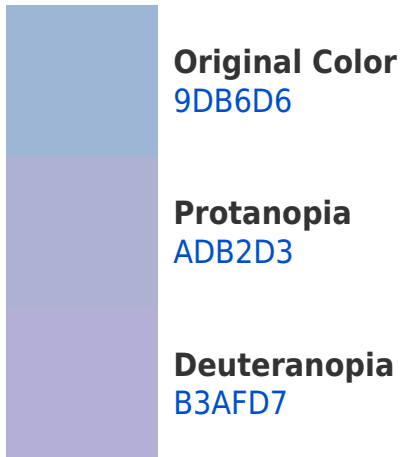


This preview shows how white text looks on a background with the Hex color 9DB6D6.

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](#).

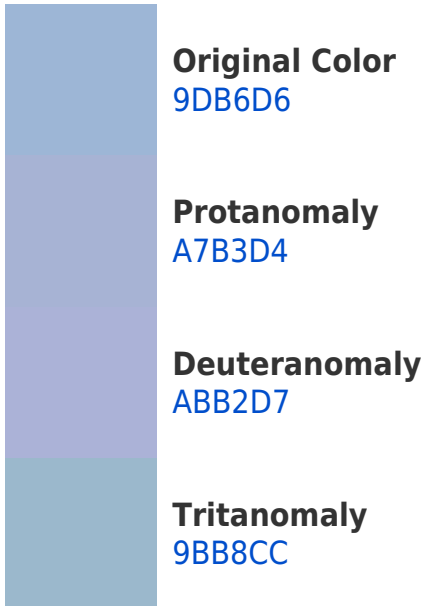
Dichromacy



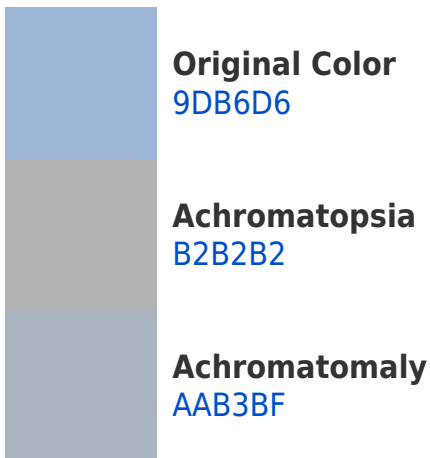


Tritanopia
9AB9C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DB6D6 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 #9DB6D6 looks like.

```
.text, #text, p{  
    color:#9DB6D6  
}
```

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 #9DB6D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DB6D6
}
```

Border

The CSS property to change the border of an element to Hex 9DB6D6 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
#9DB6D6 }
```

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

```
.border{ border-color:#9DB6D6 }
```

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

Here you see how a box with a 4 pixel #9DB6D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DB6D6; -webkit-box-shadow:4px 4px  
4px 4px #9DB6D6; box-shadow:4px 4px 4px  
4px #9DB6D6 }
```

Background

The CSS property to change the background color of an element to Hex 9DB6D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DB6D6 }
```

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

```
.background{ background-color:#9DB6D6 }
```

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