

Converting Colors

Hex(9DBED6)

Have a look what the booklet for
Hex(9DBED6) contains.

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Color

Hex(9DBED6)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 9DBED6 |
| RGB | 157, 190, 214 |
| RGB Percent | 62%, 75%, 84% |
| CMY | 0.3843, 0.2549, 0.1608 |
| CMYK | 0.27, 0.11, 0.00, 0.16 |
| HSL | 205°, 41%, 73% |
| HSV | 205°, 27%, 84% |
| XYZ | 44.4557, 48.8500, 70.7043 |
| YIQ | 182.8690, -27.3720, 0.4680 |

Conversions

Conversions Part 2

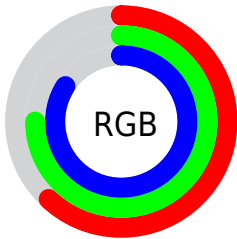
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 157, 178, 214 |
| Decimal | 10338006 |
| CIE Lab | 75.36, -5.66, -15.68 |
| CIE LCh | 75, 16.669, 250.136 |
| Yxy | 48.8500, 0.2711, 0.2978 |
| Android (android.graphics.Color) | 4288528086 (0xFF9DBED6) |
| YUV | 182.8690, 15.3476, -22.6871 |
| Hunter-Lab | 69.8928, -8.7766, -11.0534 |

Details

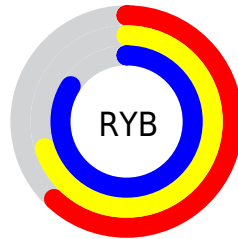
The Hex color **9DBED6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D6B59D**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **D4F6FF**, and **68899F** is the 20% darker color. If you saturate the color by 10%, you get **88B5D6**, and if you desaturate by 10%, it is **B2C7D6**.

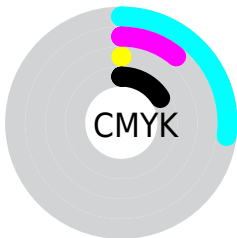
Distribution



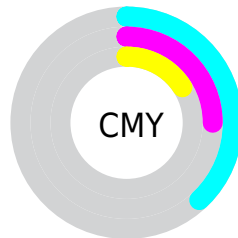
- Red (62%)
- Green (75%)
- Blue (84%)



- Red (62%)
- Yellow (70%)
- Blue (84%)



- Cyan (27%)
- Magenta (11%)
- Yellow (0%)
- Black (16%)



- Cyan (38%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DBED6 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 9DBED6 by changing the saturation by 10% instead.

 9DBED6

 9DBED6

FFFFFF

 82A3BA

 D4F6FF

 68899F

 F1FFFF

 4F6F85

 36576C

 1D4054

 002A3C

 001627

 000111

 000000

 9DBED6

 9DBED6

 88B5D6

 B2C7D6

 72ACD6

 C8D0D6

 5DA3D6

 DDD9D6

 479AD6

 F3E2D6

 3291D6

 FFEBD6

 1D88D6

 FFF4D6

 077FD6

 FFFDD6

 007CD6

 FFFF66

Harmonies

Analogous

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



92C1CD



9DBED6



AFB9D8

Triad

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



9DBED6



DAAF5



AFBFA2

Complementary

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



9DBED6



D6B59D

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.



C0BA9B



9DBED6



D8B1A6

Square

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



9DBED6



D2B0C4



CFB59D



9EC2AF

Rectangle

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



9DBED6



BDB6D4



CFB59D



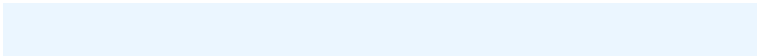
B5BD9F

Sweetspot

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



9DBED6



EBF6FF



9DD6B5



737A80



000000



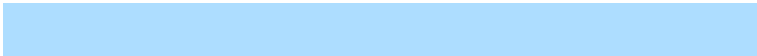
808080

Same Dimension

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



9DBED6



ADDDFF



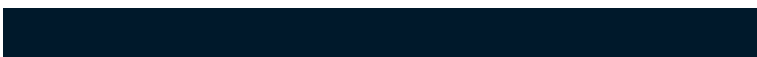
9DA2D6



60676B



0063AB



00192B

Inverse Universe

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



D69DBE



FFADDD



D6D19D



6B6067



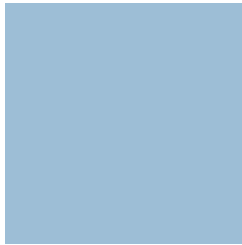
AB0063



2B0019

Previews

White Background



This preview shows how the Hex color 9DBED6 looks on a white background.

Color Contrast Check

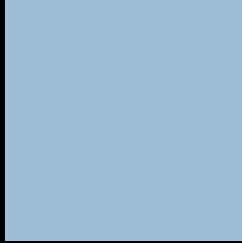
Large Text (above 18pt) WCAG AA × Fail

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 9DBED6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

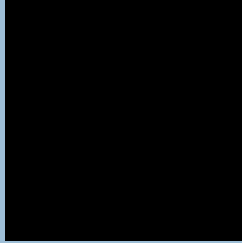
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

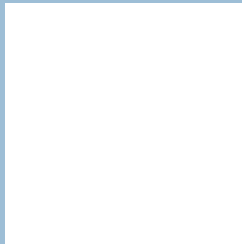
Any Text WCAG AAA ✓ Pass

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

Hex 9DBED6 Background



This preview shows how black text looks on a background with the Hex color 9DBED6.

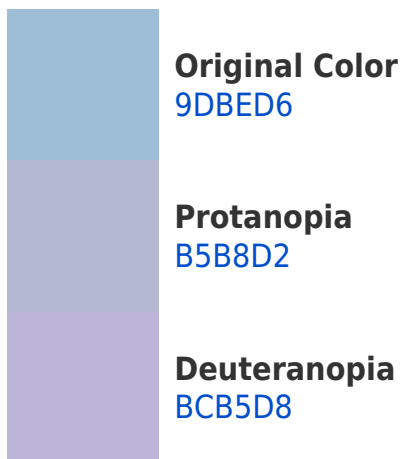


This preview shows how white text looks on a background with the Hex color 9DBED6.

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](#).

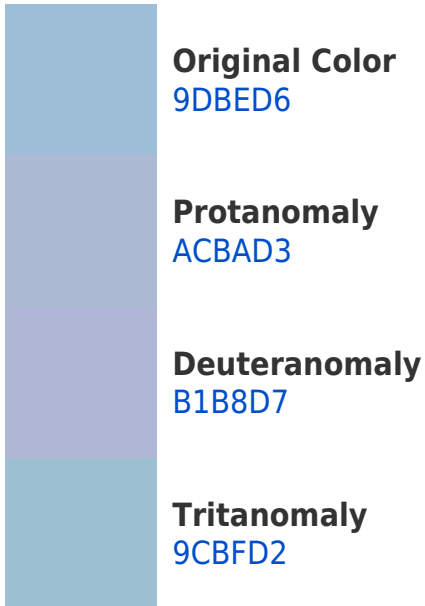
Dichromacy



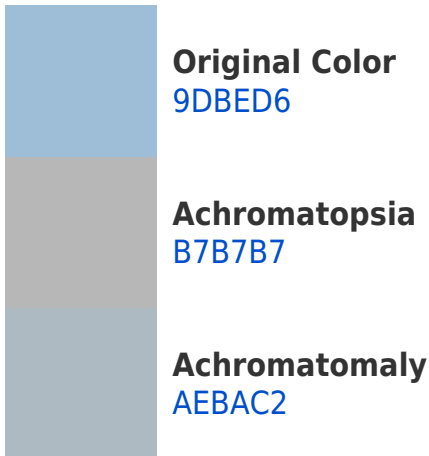


Tritanopia
9BBFCF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DBED6 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 #9DBED6 looks like.

```
.text, #text, p{  
    color:#9DBED6  
}
```

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 #9DBED6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DBED6  
}
```

Border

The CSS property to change the border of an element to Hex 9DBED6 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  
#9DBED6 }
```

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

```
.border{ border-color:#9DBED6 }
```

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

Here you see how a box with a 4 pixel #9DBED6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DBED6; -webkit-box-shadow:4px 4px  
4px 4px #9DBED6; box-shadow:4px 4px 4px  
4px #9DBED6 }
```

Background

The CSS property to change the background color of an element to Hex 9DBED6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DBED6 }
```

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

```
.background{ background-color:#9DBED6 }
```

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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