

# Converting Colors

Hex(9DCE93)

Have a look what the booklet for  
Hex(9DCE93) contains.

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**Color**

**Hex(9DCE93)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 9DCE93                       |
| RGB         | 157, 206, 147                |
| RGB Percent | 62%, 81%, 58%                |
| CMY         | 0.3843, 0.1922, 0.4235       |
| CMYK        | 0.24, 0.00, 0.29, 0.19       |
| HSL         | 110°, 38%, 69%               |
| HSV         | 110°, 29%, 81%               |
| XYZ         | 41.2424, 53.4173, 35.7406    |
| YIQ         | 184.6230, -10.2650, -28.7370 |

# Conversions

## Conversions Part 2

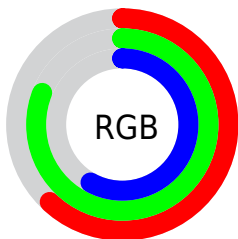
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">147, 206, 196</a>                    |
| Decimal                             | <a href="#">10342035</a>                         |
| CIELab                              | <a href="#">78.12, -27.16, 24.31</a>             |
| CIELCh                              | <a href="#">78, 36.452, 138.164</a>              |
| Yxy                                 | <a href="#">53.4173, 0.3163,<br/>0.4096</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4288532115<br/>(0xFF9DCE93)</a>      |
| YUV                                 | <a href="#">184.6230, -18.5481,<br/>-24.2254</a> |
| Hunter-Lab                          | <a href="#">73.0871, -27.1766,<br/>22.1674</a>   |

# Details

The Hex color **9DCE93** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C493CE**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **D4FFC9**, and **689760** is the 20% darker color. If you saturate the color by 10%, you get **8CCE7E**, and if you desaturate by 10%, it is **AECEA8**.

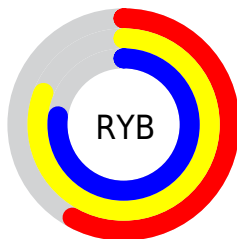
# Distribution



Red (62%)

Green (81%)

Blue (58%)



Red (58%)

Yellow (81%)

Blue (77%)

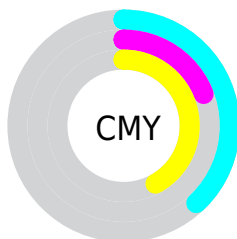


Cyan (24%)

Magenta (0%)

Yellow (29%)

Black (19%)



Cyan (38%)

Magenta (19%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DCE93 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 9DCE93 by changing the saturation by 10% instead.



 9DCE93

 9DCE93

FFFFFF

 82B279

 D4FFC9

 689760

 F1FFE6

 4F7D48

 366431

 1E4C1A

 033502

 002100

 000000

 9DCE93

 9DCE93

 8CCE7E

 AECEA8

 7BCE6A

 BFCEBC

 6ACE55

 D0CED1

 59CE41

 E1CEE5

 47CE2C

 F3CEFA

 36CE17

 FFCEFF

 25CE03

 23CE00

# Harmonies

## Analogous

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



C3C680



9DCE93



74D3B2

# Triad

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



9DCE93



7EC8FF



FFA8AE

# Complementary

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



9DCE93



C493CE

# 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.



FBA9D0



9DCE93



B3BDFE

# Square

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



9DCE93



52D0F3



DFB1EF



FCAF90

# Rectangle

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



9DCE93



5BD4CA



DFB1EF



FFA7B9

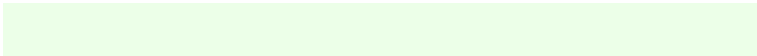


# Sweetspot

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



9DCE93



ECFFE8



CEC393



748071



000000



808080

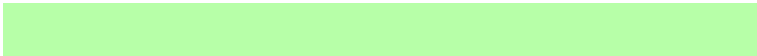


# Same Dimension

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



9DCE93



B7FFA8



93CEA6



5E665C



1CA600



062600



# Inverse Universe

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



C493CE



F0A8FF



CE93BB



645C66



8A00A6

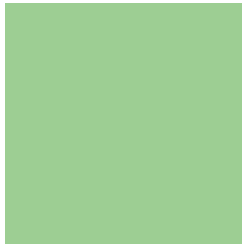


200026



# Previews

## White Background



This preview shows how the Hex color 9DCE93 looks on a white background.

## Color Contrast Check

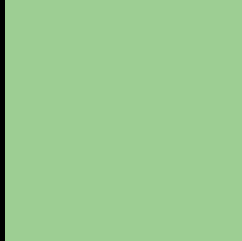
Large Text (above 18pt) WCAG AA × Fail

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 9DCE93 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

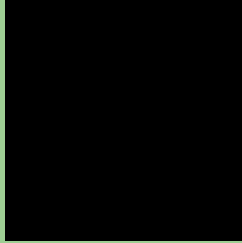
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9DCE93 Background



This preview shows how black text looks on a background with the Hex color 9DCE93.

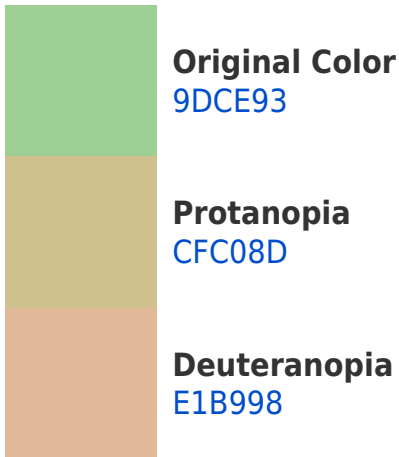


This preview shows how white text looks on a background with the Hex color 9DCE93.

# 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](#).

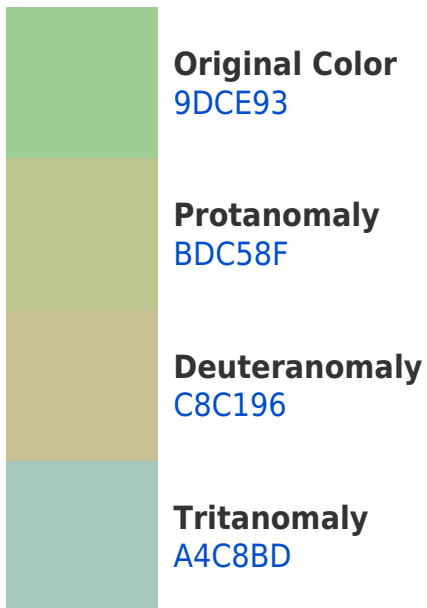
## Dichromacy





**Tritanopia**  
A8C5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DCE93 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 #9DCE93 looks like.

```
.text, #text, p{  
    color:#9DCE93  
}
```

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 #9DCE93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DCE93
}
```

## Border

The CSS property to change the border of an element to Hex 9DCE93 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
#9DCE93 }
```

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

```
.border{ border-color:#9DCE93 }
```

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

Here you see how a box with a 4 pixel #9DCE93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DCE93; -webkit-box-shadow:4px 4px  
4px 4px #9DCE93; box-shadow:4px 4px 4px  
4px #9DCE93 }
```

# Background

The CSS property to change the background color of an element to Hex 9DCE93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DCE93 }
```

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

```
.background{ background-color:#9DCE93 }
```

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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