

# Converting Colors

Hex(9DDF9C)

Have a look what the booklet for  
Hex(9DDF9C) contains.

<b>Hex(9DDF9C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(9DDF9C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DDF9C
RGB	157, 223, 156
RGB Percent	62%, 87%, 61%
CMY	0.3843, 0.1255, 0.3882
CMYK	0.30, 0.00, 0.30, 0.13
HSL	119°, 51%, 74%
HSV	119°, 30%, 87%
XYZ	46.2931, 62.3438, 41.0461
YIQ	195.6280, -17.8290, -34.8290

# Conversions

## Conversions Part 2

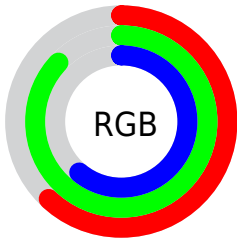
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">156, 223, 222</a>
Decimal	<a href="#">10346396</a>
CIELab	<a href="#">83.10, -33.74, 26.38</a>
CIELCh	<a href="#">83, 42.829, 141.984</a>
Yxy	<a href="#">62.3438, 0.3093, 0.4165</a>
Android (android.graphics.Color)	<a href="#">4288536476 (0xFF9DDF9C)</a>
YUV	<a href="#">195.6280, -19.5366, -33.8768</a>
Hunter-Lab	<a href="#">78.9581, -33.5222, 24.4489</a>

# Details

The Hex color **9DDF9C** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DE9CDF**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **D5FFD3**, and **67A768** is the 20% darker color. If you saturate the color by 10%, you get **87DF86**, and if you desaturate by 10%, it is **B3DFB2**.

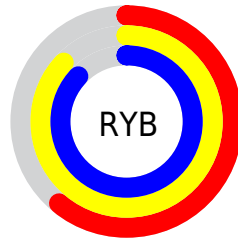
# Distribution



Red (62%)

Green (87%)

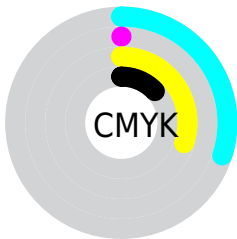
Blue (61%)



Red (61%)

Yellow (87%)

Blue (87%)

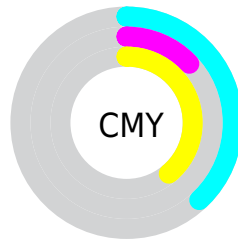


Cyan (30%)

Magenta (0%)

Yellow (30%)

Black (13%)



Cyan (38%)

Magenta (13%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DDF9C 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 9DDF9C by changing the saturation by 10% instead.



 9DDF9C

 9DDF9C

FFFFFF

 82C382


 D5FFD3

 67A768

 F2FFEF

 4D8D50

 337338

 175A21

 00420A

 002B00

 001300

 000000

 9DDF9C

 9DDF9C

 87DF86

 B3DFB2

 71DF6F

 C9DFC9

 5BDF59

 DFDFDF

 45DF43

 F5DFF5

 2FDF2D

 FFDFFF

 19DF16

 03DF00

# Harmonies

## Analogous

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



CCD683



9DDF9C



69E4C2

# Triad

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



9DDF9C



82D6FF



FFB1B3

# Complementary

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



9DDF9C



DE9CDF

# 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.



FFB1DC



9DDF9C



C4C9FF

# Square

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



9DDF9C



3DE0FF



F7BAFF



FFBB91

# Rectangle

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



9DDF9C



43E5DE



F7BAFF



FFB0C0

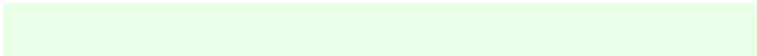


# Sweetspot

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



9DDF9C



E8FFE8



DFDE9C



728071



000000



808080

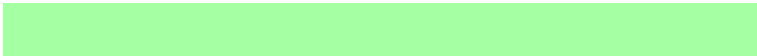


# Same Dimension

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



9DDF9C



A5FFA3



9CDFBC



657065



03B000



013000



# Inverse Universe

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



DE9CDF



FEA3FF



DF9CBF



706570



AD00B0



300030



# Previews

## White Background



This preview shows how the Hex color 9DDF9C 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 9DDF9C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

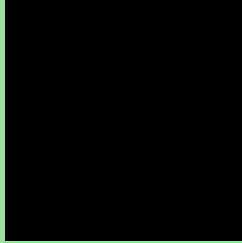
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9DDF9C Background



This preview shows how black text looks on a background with the Hex color 9DDF9C.

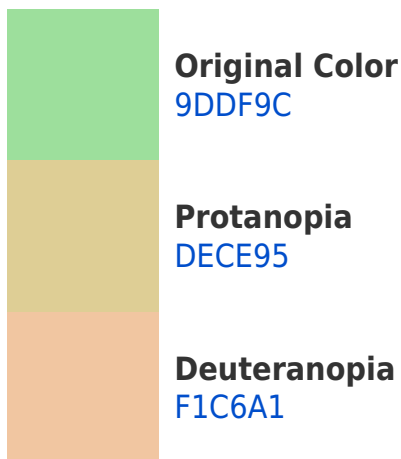


This preview shows how white text looks on a background with the Hex color 9DDF9C.

# 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](#).

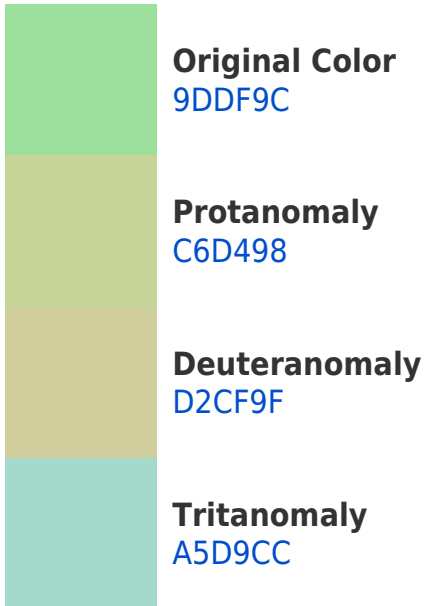
## Dichromacy





**Tritanopia**  
AAD5E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DDF9C 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 #9DDF9C looks like.

```
.text, #text, p{  
    color:#9DDF9C  
}
```

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 #9DDF9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DDF9C
}
```

## Border

The CSS property to change the border of an element to Hex 9DDF9C 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
#9DDF9C }
```

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

```
.border{ border-color:#9DDF9C }
```

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

Here you see how a box with a 4 pixel #9DDF9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DDF9C; -webkit-box-shadow:4px 4px  
4px 4px #9DDF9C; box-shadow:4px 4px 4px  
4px #9DDF9C }
```

# Background

The CSS property to change the background color of an element to Hex 9DDF9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DDF9C }
```

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

```
.background{ background-color:#9DDF9C }
```

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