

Converting Colors

Hex(9DCF80)

Have a look what the booklet for
Hex(9DCF80) contains.

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Color

Hex(9DCF80)

Conversions

Conversions Part 1

Format	Color
Hex	9DCF80
RGB	157, 207, 128
RGB Percent	62%, 81%, 50%
CMY	0.3843, 0.1882, 0.4980
CMYK	0.24, 0.00, 0.38, 0.19
HSL	98°, 45%, 66%
HSV	98°, 38%, 81%
XYZ	40.1137, 53.3523, 28.6059
YIQ	183.0440, -4.4410, -35.1690

Conversions

Conversions Part 2

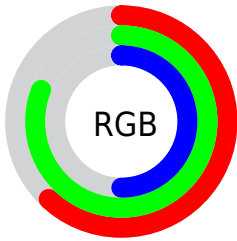
Format	Color
RYB	128, 207, 178
Decimal	10342272
CIELab	78.08, -30.48, 34.12
CIELCh	78, 45.749, 131.776
Yxy	53.3523, 0.3286, 0.4371
Android (android.graphics.Color)	4288532352 (0xFF9DCF80)
YUV	183.0440, -27.1367, -22.8406
Hunter-Lab	73.0426, -29.7955, 27.9099

Details

The Hex color **9DCF80** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B280CF**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **D5FFB6**, and **68984D** is the 20% darker color. If you saturate the color by 10%, you get **90CF6B**, and if you desaturate by 10%, it is **AACF95**.

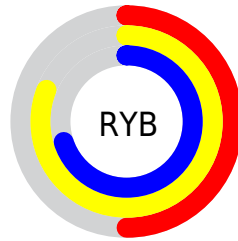
Distribution



Red (62%)

Green (81%)

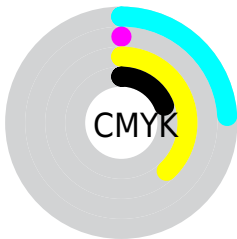
Blue (50%)



Red (50%)

Yellow (81%)

Blue (70%)

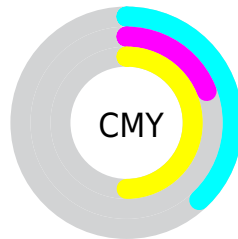


Cyan (24%)

Magenta (0%)

Yellow (38%)

Black (19%)



Cyan (38%)

Magenta (19%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DCF80 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 9DCF80 by changing the saturation by 10% instead.



9DCF80



9DCF80

FFFFFF



82B366



D5FFB6



68984D



F2FFD2



4E7E35



FFFFEE



35651D



1B4D04



003500



002200



000000



9DCF80



9DCF80

 90CF6B

 AACF95

 83CF57

 B7CFA9

 76CF42

 C4CFBE

 69CF2D

 D1CFD3

 5BCF18

 DFCE8

 4ECF04

 ECCFFC

 4CCF00

 F9CFFF

 FFCFFF

Harmonies

Analogous

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



CCC46C



9DCF80



65D6A5

Triad

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



9DCF80



48CDFE



FF9FB2

Complementary

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



9DCF80



B280CF

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.



FFA3DD



9DCF80



9DC0FF

Square

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



9DCF80



00D5F8



DBB0FF



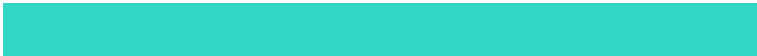
FFA78A

Rectangle

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



9DCF80



31D7C2



DBB0FF



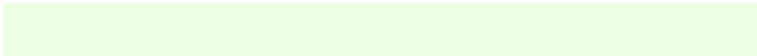
FF9FC0

Sweetspot

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



9DCF80



EDFFE3



CFB180



75806F



000000



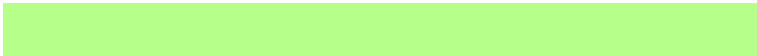
808080

Same Dimension

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



9DCF80



B5FF8A



80CF89



62695E



3EA800



0F2900

Inverse Universe

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



B280CF



D48AFF



CF80C6



655E69



6B00A8



1A0029

Previews

White Background



This preview shows how the Hex color 9DCF80 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 9DCF80 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

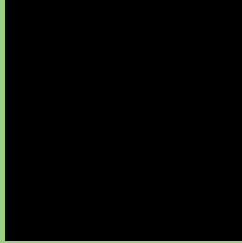
Any Text WCAG AA ✓ Pass

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 9DCF80 Background



This preview shows how black text looks on a background with the Hex color 9DCF80.

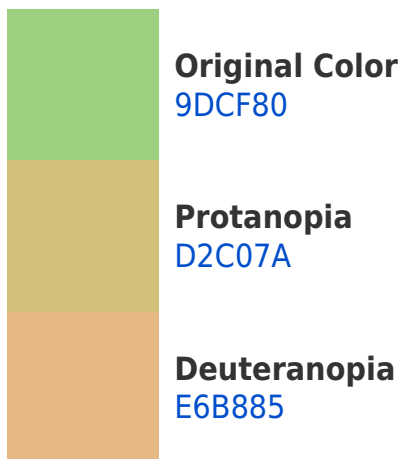


This preview shows how white text looks on a background with the Hex color 9DCF80.

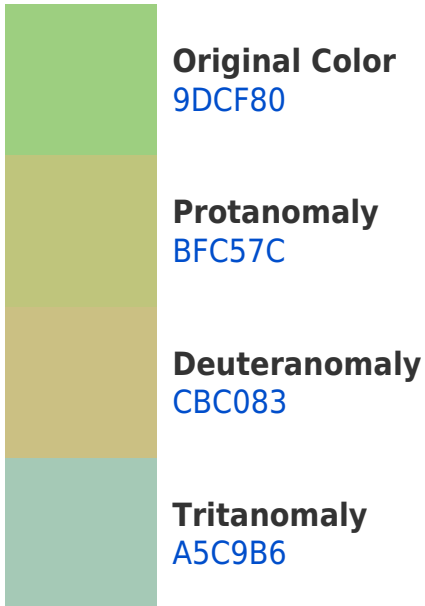
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DCF80 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 #9DCF80 looks like.

```
.text, #text, p{  
    color:#9DCF80  
}
```

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 #9DCF80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DCF80
}
```

Border

The CSS property to change the border of an element to Hex 9DCF80 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
#9DCF80 }
```

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

```
.border{ border-color:#9DCF80 }
```

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

Here you see how a box with a 4 pixel #9DCF80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DCF80; -webkit-box-shadow:4px 4px  
4px 4px #9DCF80; box-shadow:4px 4px 4px  
4px #9DCF80 }
```

Background

The CSS property to change the background color of an element to Hex 9DCF80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DCF80 }
```

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

```
.background{ background-color:#9DCF80 }
```

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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