

Converting Colors

Hex(9FDC93)

Have a look what the booklet for
Hex(9FDC93) contains.

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Color

Hex(9FDC93)

Conversions

Conversions Part 1

Format	Color
Hex	9FDC93
RGB	159, 220, 147
RGB Percent	62%, 86%, 58%
CMY	0.3765, 0.1373, 0.4235
CMYK	0.28, 0.00, 0.33, 0.14
HSL	110°, 51%, 72%
HSV	110°, 33%, 86%
XYZ	45.1577, 60.6639, 36.9330
YIQ	193.4390, -12.9230, -35.6350

Conversions

Conversions Part 2

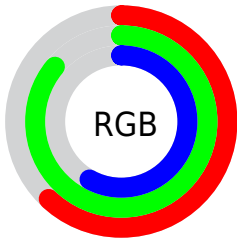
Format	Color
RYB	147, 220, 208
Decimal	10476691
CIELab	82.20, -33.11, 29.83
CIELCh	82, 44.565, 137.990
Yxy	60.6639, 0.3163, 0.4250
Android (android.graphics.Color)	4288666771 (0xFF9FDC93)
YUV	193.4390, -22.8944, -30.2030
Hunter-Lab	77.8870, -32.8107, 26.4064

Details

The Hex color **9FDC93** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D093DC**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **D7FFCA**, and **69A560** is the 20% darker color. If you saturate the color by 10%, you get **8DDC7D**, and if you desaturate by 10%, it is **B1DCA9**.

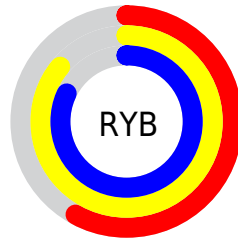
Distribution



Red (62%)

Green (86%)

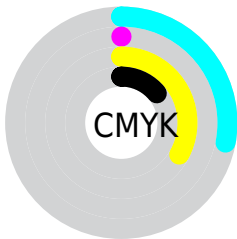
Blue (58%)



Red (58%)

Yellow (86%)

Blue (82%)

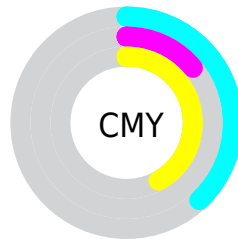


Cyan (28%)

Magenta (0%)

Yellow (33%)

Black (14%)



Cyan (38%)

Magenta (14%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FDC93 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 9FDC93 by changing the saturation by 10% instead.

 9FDC93

 9FDC93

FFFFFF

 84C079

 D7FFCA

 69A560

 F4FFE6

 4F8A47

 367030

 1B5718

 003F00

 002900

 000E00

 000000

 9FDC93

 9FDC93

 8DDC7D

 B1DCA9

 7ADC67

 C4DCBF

 68DC51

 D6DCD5

 55DC3B

 E9DCEB

 43DC25

 FBDCFF

 31DC0F

 FFDCFF

 24DC00

Harmonies

Analogous

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



CFD27B



9FDC93



68E2BA

Triad

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



9FDC93



70D6FF



FFADB5

Complementary

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



9FDC93



D093DC

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.



FFADDF



9FDC93



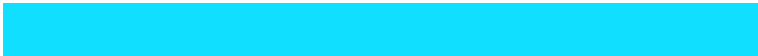
B8C8FF

Square

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



9FDC93



10DFFF



F0B9FF



FFB690

Rectangle

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



9FDC93



3BE3D7



F0B9FF



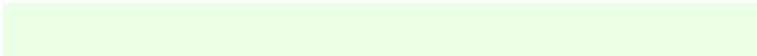
FFACC3

Sweetspot

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



9FDC93



EAFFE6



DCD093



738070



000000



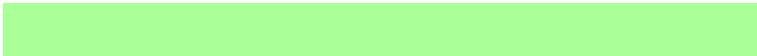
808080

Same Dimension

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



9FDC93



AAFF99



93DCAB



646E63



1DAD00



082E00

Inverse Universe

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



D093DC



EE99FF



DC93C4



6C636E



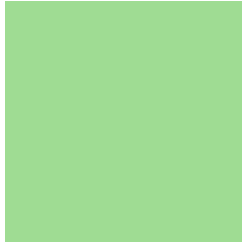
9100AD



26002E

Previews

White Background



This preview shows how the Hex color 9FDC93 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 9FDC93 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

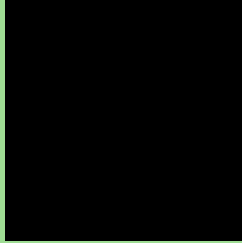
Any Text WCAG AA ✓ Pass

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 9FDC93 Background



This preview shows how black text looks on a background with the Hex color 9FDC93.

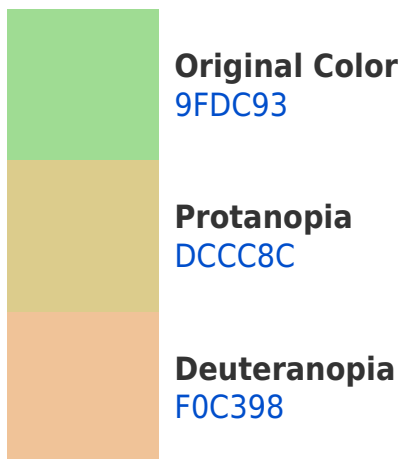


This preview shows how white text looks on a background with the Hex color 9FDC93.

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](#).

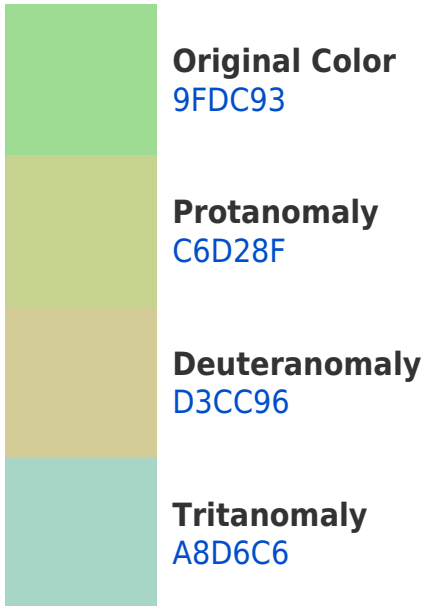
Dichromacy



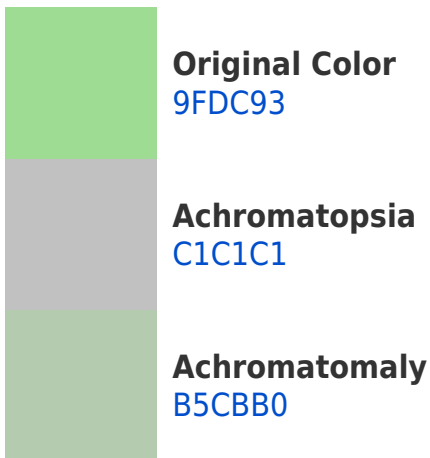


Tritanopia
ADD2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9FDC93 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 #9FDC93 looks like.

```
.text, #text, p{  
    color:#9FDC93  
}
```

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 #9FDC93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FDC93  
}
```

Border

The CSS property to change the border of an element to Hex 9FDC93 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  
#9FDC93 }
```

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

```
.border{ border-color:#9FDC93 }
```

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

Here you see how a box with a 4 pixel #9FDC93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FDC93; -webkit-box-shadow:4px 4px  
4px 4px #9FDC93; box-shadow:4px 4px 4px  
4px #9FDC93 }
```

Background

The CSS property to change the background color of an element to Hex 9FDC93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FDC93 }
```

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

```
.background{ background-color:#9FDC93 }
```

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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