

Converting Colors

Hex(93DD98)

Have a look what the booklet for
Hex(93DD98) contains.

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Color

Hex(93DD98)

Conversions

Conversions Part 1

Format	Color
Hex	93DD98
RGB	147, 221, 152
RGB Percent	58%, 87%, 60%
CMY	0.4235, 0.1333, 0.4039
CMYK	0.33, 0.00, 0.31, 0.13
HSL	124°, 52%, 72%
HSV	124°, 33%, 87%
XYZ	43.5566, 60.1829, 39.0266
YIQ	191.0080, -21.9550, -37.1470

Conversions

Conversions Part 2

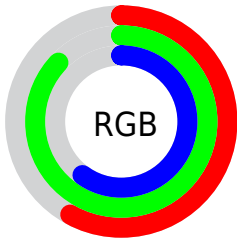
Format	Color
RYB	147, 216, 221
Decimal	9690520
CIELab	81.94, -36.66, 26.79
CIELCh	82, 45.404, 143.841
Yxy	60.1829, 0.3051, 0.4215
Android (android.graphics.Color)	4287880600 (0xFF93DD98)
YUV	191.0080, -19.2309, -38.5950
Hunter-Lab	77.5777, -35.5407, 24.4777

Details

The Hex color **93DD98** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DD93D8**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **CBFFCF**, and **5DA564** is the 20% darker color. If you saturate the color by 10%, you get **7DDD83**, and if you desaturate by 10%, it is **A9DDAD**.

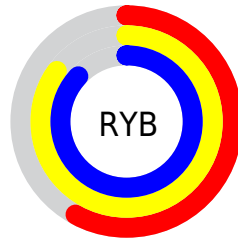
Distribution



Red (58%)

Green (87%)

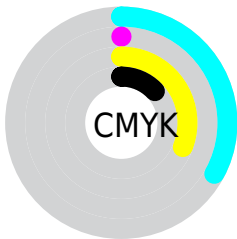
Blue (60%)



Red (58%)

Yellow (85%)

Blue (87%)

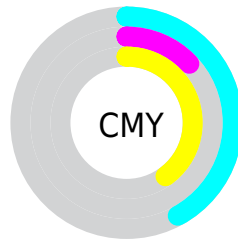


Cyan (33%)

Magenta (0%)

Yellow (31%)

Black (13%)



Cyan (42%)

Magenta (13%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93DD98 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 93DD98 by changing the saturation by 10% instead.

 93DD98

 93DD98

FFFFFF

 78C17E

 CBFFCF

 5DA564

 E8FFEB

 438B4C

 277134

 02581E

 004006

 002A00

 000D00

 000000

 93DD98

 93DD98

 7DDD83

 A9DDAD

 67DD6F

 BFDDC1

 51DD5A

 D5DDD6

 3BDD46

 EBDDEA

 24DD31

 FFDDFF

 0EDD1C

 00DD0F

Harmonies

Analogous

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



C5D47C



93DD98



57E2C1

Triad

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



93DD98



7CD3FF



FFACAC

Complementary

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



93DD98



DD93D8

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.



FFABD6



93DD98



C4C4FF

Square

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



93DD98



17DDFF



F9B5FE



FFB788

Rectangle

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



93DD98



1DE2DF



F9B5FE



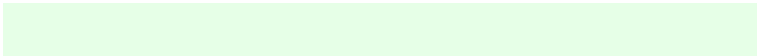
FFAAB9

Sweetspot

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



93DD98



E6FFE7



D8DD93



708071



000000



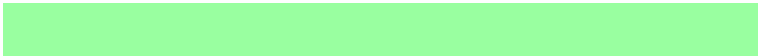
808080

Same Dimension

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



93DD98



99FFA0



93DDBD



636E63



00AD0C



002E03

Inverse Universe

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



DD93D8



FF99F8



DD93B3



6E636D



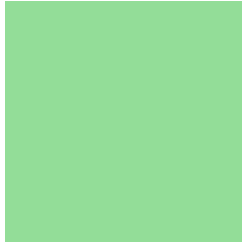
AD00A2



2E002B

Previews

White Background



This preview shows how the Hex color 93DD98 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 93DD98 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

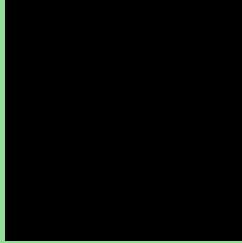
Any Text WCAG AA ✓ Pass

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 93DD98 Background



This preview shows how black text looks on a background with the Hex color 93DD98.

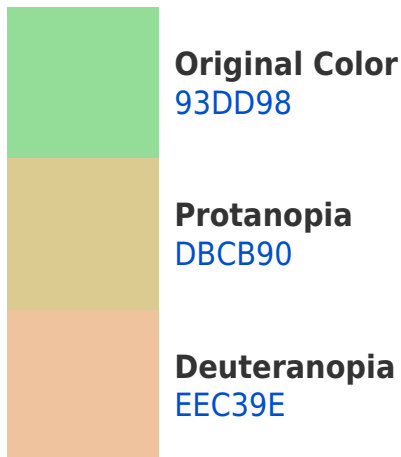


This preview shows how white text looks on a background with the Hex color 93DD98.

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](#).

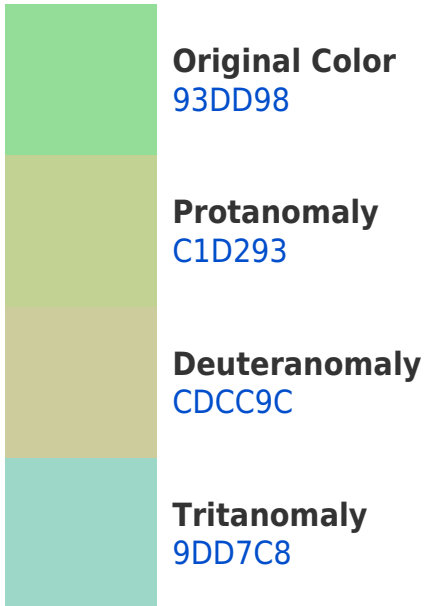
Dichromacy



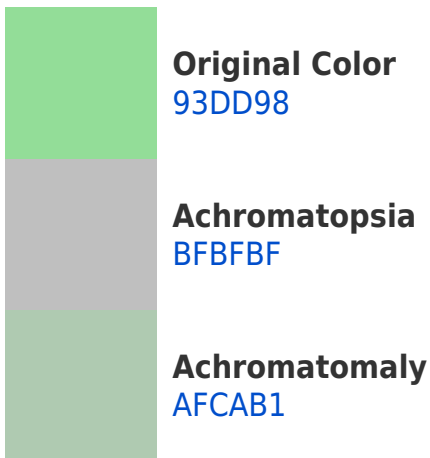


Tritanopia
A2D3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93DD98 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 #93DD98 looks like.

```
.text, #text, p{  
    color:#93DD98  
}
```

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 #93DD98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93DD98
}
```

Border

The CSS property to change the border of an element to Hex 93DD98 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
#93DD98 }
```

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

```
.border{ border-color:#93DD98 }
```

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

Here you see how a box with a 4 pixel #93DD98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93DD98; -webkit-box-shadow:4px 4px  
4px 4px #93DD98; box-shadow:4px 4px 4px  
4px #93DD98 }
```

Background

The CSS property to change the background color of an element to Hex 93DD98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93DD98 }
```

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

```
.background{ background-color:#93DD98 }
```

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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