

Converting Colors

Hex(97DD84)

Have a look what the booklet for
Hex(97DD84) contains.

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Color

Hex(97DD84)

Conversions

Conversions Part 1

Format	Color
Hex	97DD84
RGB	151, 221, 132
RGB Percent	59%, 87%, 52%
CMY	0.4078, 0.1333, 0.4824
CMYK	0.32, 0.00, 0.40, 0.13
HSL	107°, 57%, 69%
HSV	107°, 40%, 87%
XYZ	42.7838, 59.9582, 31.1479
YIQ	189.9240, -13.1510, -42.5190

Conversions

Conversions Part 2

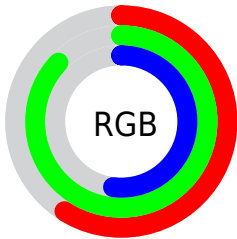
Format	Color
RYB	132, 221, 202
Decimal	9952644
CIELab	81.82, -38.43, 36.87
CIElCh	82, 53.251, 136.187
Yxy	59.9582, 0.3195, 0.4478
Android (android.graphics.Color)	4288142724 (0xFF97DD84)
YUV	189.9240, -28.5565, -34.1363
Hunter-Lab	77.4327, -36.8807, 30.3530

Details

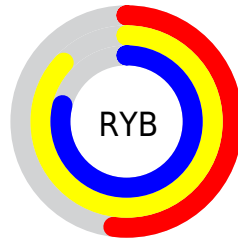
The Hex color **97DD84** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **CA84DD**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **CFFFBA**, and **61A551** is the 20% darker color. If you saturate the color by 10%, you get **86DD6E**, and if you desaturate by 10%, it is **A8DD9A**.

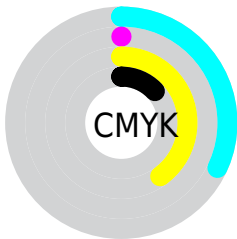
Distribution



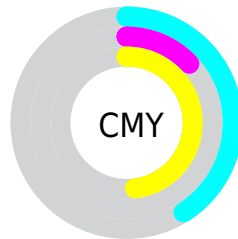
- Red (59%)
- Green (87%)
- Blue (52%)



- Red (52%)
- Yellow (87%)
- Blue (79%)



- Cyan (32%)
- Magenta (0%)
- Yellow (40%)
- Black (13%)



- Cyan (41%)
- Magenta (13%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97DD84 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 97DD84 by changing the saturation by 10% instead.

 97DD84

 97DD84

FFFFFF

 7CC16A

 CFFFBA

 61A551

 ECFFD6

 468B38

 FFFFF3

 2A7120

 075804

 004000

 002A00

 000C00

 000000

 97DD84

 97DD84

 86DD6E

 A8DD9A

 74DD58

 BADD80

 63DD42

 CBDDC6

 51DD2C

 DDDDDC

 40DD15

 EEDDF3

 2FDD00

 FFDDFF

Harmonies

Analogous

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



CFD168



97DD84



4AE4B2

Triad

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



97DD84



36D7FF



FFA3B2

Complementary

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



97DD84



CA84DD

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.



FFA5E5



97DD84



ABC7FF

Square

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



97DD84



00E1FF



F2B4FF



FFAF85

Rectangle

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



97DD84



00E5D4



F2B4FF



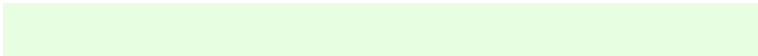
FFA2C3

Sweetspot

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



97DD84



E7FFE0



DDCA84



71806E



000000



808080

Same Dimension

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



97DD84



9FFF85



84DD9D



656E63



25AD00



0A2E00

Inverse Universe

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



CA84DD



E585FF



DD84C4



6B636E



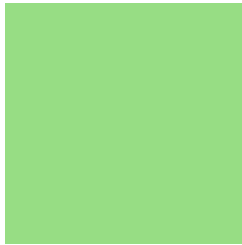
8800AD



24002E

Previews

White Background



This preview shows how the Hex color 97DD84 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 97DD84 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

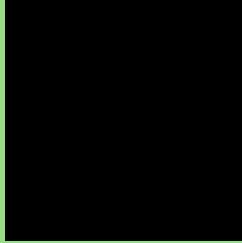
Any Text WCAG AA ✓ Pass

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 97DD84 Background



This preview shows how black text looks on a background with the Hex color 97DD84.

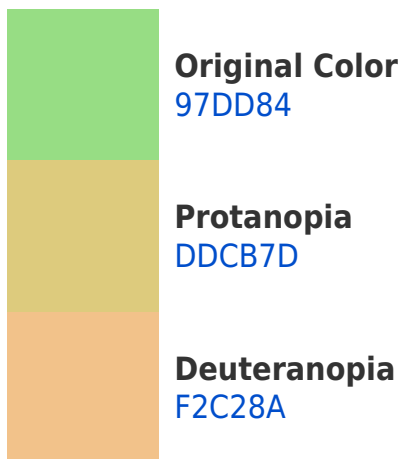


This preview shows how white text looks on a background with the Hex color 97DD84.

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
A7D2E3

Trichromacy



Original Color
97DD84



Protanomaly
C4D280



Deuteranomaly
D1CC88



Tritanomaly
A1D6C0

Monochromacy



Original Color
97DD84



Achromatopsia
BEBEBE



Achromatomaly
B0C9A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 97DD84 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 #97DD84 looks like.

```
.text, #text, p{  
    color:#97DD84  
}
```

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 #97DD84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97DD84
}
```

Border

The CSS property to change the border of an element to Hex 97DD84 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
#97DD84 }
```

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

```
.border{ border-color:#97DD84 }
```

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

Here you see how a box with a 4 pixel #97DD84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97DD84; -webkit-box-shadow:4px 4px  
4px 4px #97DD84; box-shadow:4px 4px 4px  
4px #97DD84 }
```

Background

The CSS property to change the background color of an element to Hex 97DD84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97DD84 }
```

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

```
.background{ background-color:#97DD84 }
```

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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