

Converting Colors

Hex(95DD81)

Have a look what the booklet for
Hex(95DD81) contains.

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Color

Hex(95DD81)

Conversions

Conversions Part 1

Format	Color
Hex	95DD81
RGB	149, 221, 129
RGB Percent	58%, 87%, 51%
CMY	0.4157, 0.1333, 0.4941
CMYK	0.33, 0.00, 0.42, 0.13
HSL	107°, 58%, 69%
HSV	107°, 42%, 87%
XYZ	42.2133, 59.6874, 30.0648
YIQ	188.9840, -13.3800, -43.8760

Conversions

Conversions Part 2

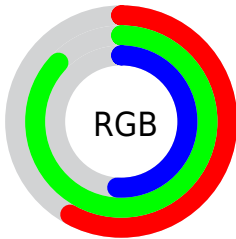
Format	Color
RYB	129, 221, 201
Decimal	9821569
CIELab	81.67, -39.50, 38.16
CIELCh	82, 54.921, 135.991
Yxy	59.6874, 0.3199, 0.4523
Android (android.graphics.Color)	4288011649 (0xFF95DD81)
YUV	188.9840, -29.5721, -35.0660
Hunter-Lab	77.2576, -37.6691, 31.0076

Details

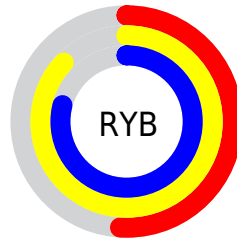
The Hex color **95DD81** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **C981DD**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **CDFFB7**, and **5FA54E** is the 20% darker color. If you saturate the color by 10%, you get **84DD6B**, and if you desaturate by 10%, it is **A6DD97**.

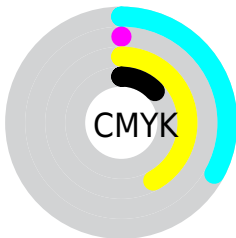
Distribution



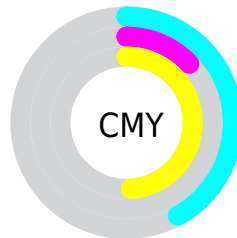
- Red (58%)
- Green (87%)
- Blue (51%)



- Red (51%)
- Yellow (87%)
- Blue (79%)



- Cyan (33%)
- Magenta (0%)
- Yellow (42%)
- Black (13%)



- Cyan (42%)
- Magenta (13%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95DD81 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 95DD81 by changing the saturation by 10% instead.

95DD81

95DD81

FFFFFF

7AC167

CDFFB7

5FA54E

EAFD3

448B35

FFFFF0

27711C

015800

004000

002A00

000B00

000000

 95DD81

 95DD81

 84DD6B

 A6DD97

 72DD55

 B8DDAD

 61DD3F

 C9DDC3

 50DD29

 DADDD9

 3FDD13

 EBDDF0

 30DD00

 FDDDFE

 FFDDFF

Harmonies

Analogous

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



CFD164



95DD81



42E4B0

Triad

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



95DD81



1ED7FF



FFA1B1

Complementary

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



95DD81



C981DD

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.



FFA3E5



95DD81



A8C7FF

Square

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



95DD81



00E2FF



F2B3FF



FFAD83

Rectangle

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



95DD81



00E5D4



F2B3FF



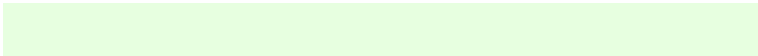
FFA0C3

Sweetspot

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



95DD81



E7FFE0



DDC881



72806E



000000



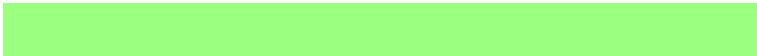
808080

Same Dimension

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



95DD81



9BFF80



81DD9A



656E63



26AD00



0A2E00

Inverse Universe

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



C981DD



E380FF



DD81C4



6B636E



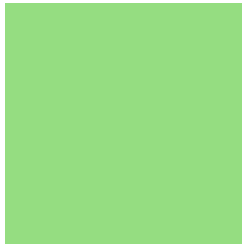
8800AD



24002E

Previews

White Background



This preview shows how the Hex color 95DD81 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 95DD81 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 95DD81 Background



This preview shows how black text looks on a background with the Hex color 95DD81.

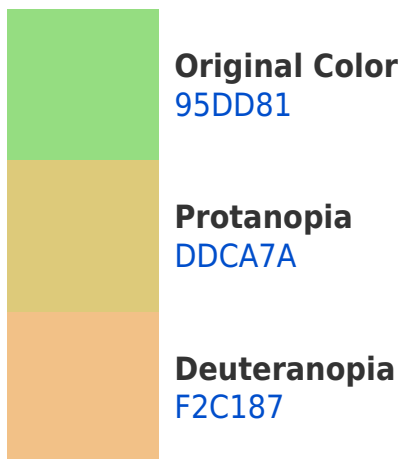


This preview shows how white text looks on a background with the Hex color 95DD81.

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](#).

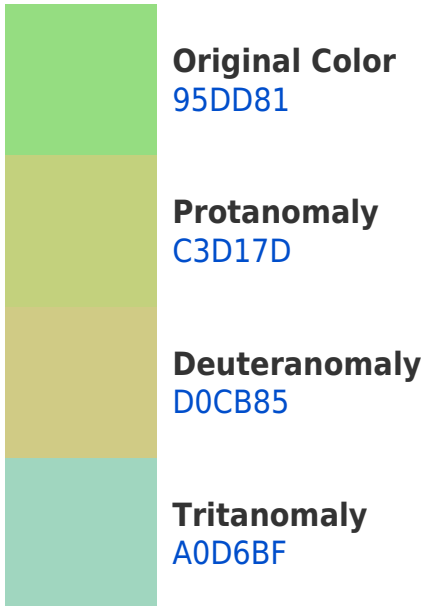
Dichromacy



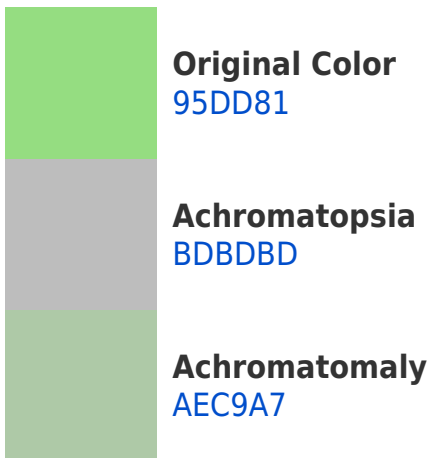


Tritanopia
A6D2E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 95DD81 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 #95DD81 looks like.

```
.text, #text, p{  
    color:#95DD81  
}
```

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 #95DD81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95DD81
}
```

Border

The CSS property to change the border of an element to Hex 95DD81 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
#95DD81 }
```

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

```
.border{ border-color:#95DD81 }
```

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

Here you see how a box with a 4 pixel #95DD81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95DD81; -webkit-box-shadow:4px 4px  
4px 4px #95DD81; box-shadow:4px 4px 4px  
4px #95DD81 }
```

Background

The CSS property to change the background color of an element to Hex 95DD81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95DD81 }
```

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

```
.background{ background-color:#95DD81 }
```

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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