

# Converting Colors

Hex(94DC81)

Have a look what the booklet for  
Hex(94DC81) contains.

<b>Hex(94DC81)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(94DC81)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94DC81
RGB	148, 220, 129
RGB Percent	58%, 86%, 51%
CMY	0.4196, 0.1373, 0.4941
CMYK	0.33, 0.00, 0.41, 0.14
HSL	107°, 57%, 68%
HSV	107°, 41%, 86%
XYZ	41.7684, 59.0673, 29.9686
YIQ	188.0980, -13.7010, -43.5650

# Conversions

## Conversions Part 2

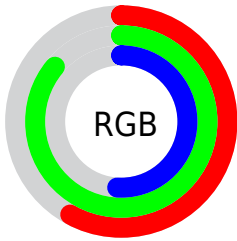
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 220, 201
Decimal	9755777
CIELab	81.33, -39.38, 37.71
CIELCh	81, 54.527, 136.242
Yxy	59.0673, 0.3193, 0.4516
Android (android.graphics.Color)	4287945857 (0xFF94DC81)
YUV	188.0980, -29.1353, -35.1659
Hunter-Lab	76.8552, -37.4876, 30.6794

# Details

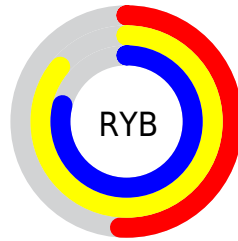
The Hex color **94DC81** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **C981DC**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **CCFFB7**, and **5EA44E** is the 20% darker color. If you saturate the color by 10%, you get **83DC6B**, and if you desaturate by 10%, it is **A5DC97**.

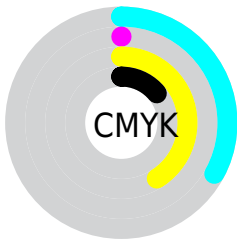
# Distribution



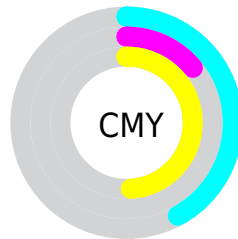
- Red (58%)
- Green (86%)
- Blue (51%)



- Red (51%)
- Yellow (86%)
- Blue (79%)



- Cyan (33%)
- Magenta (0%)
- Yellow (41%)
- Black (14%)



- Cyan (42%)
- Magenta (14%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94DC81 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 94DC81 by changing the saturation by 10% instead.



 94DC81

 94DC81

FFFFFF

 79C067

 CCFFB7

 5EA44E

 E9FFD3

 438A35

 FFFFF0

 26701D

 005701

 003F00

 002900

 000900

 000000

 94DC81

 94DC81

 83DC6B

 A5DC97

 71DC55

 B7DCAD

 60DC3F

 C8DCC3

 4EDC29

 DADCD9

 3DDC13

 EBDCEF

 2EDC00

 FCDCFF

 FFDCFF

# Harmonies

## Analogous

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



CED065



94DC81



42E3B0

# Triad

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



94DC81



24D6FF



FFA1B0

# Complementary

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



94DC81



C981DC

# 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.



FFA3E4



94DC81



A8C6FF

# Square

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



94DC81



00E0FF



F2B2FF



FFAD82

# Rectangle

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



94DC81



00E4D3



F2B2FF



FF9FC1

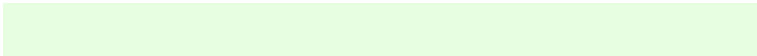


# Sweetspot

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



94DC81



E7FFE0



DCC881



71806E



000000



808080



# Same Dimension

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



94DC81



9AFF80



81DC9B



656E63



24AD00



0A2E00



# Inverse Universe

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



C981DC



E480FF



DC81C2



6B636E



8900AD

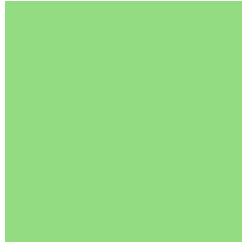


24002E



# Previews

## White Background



This preview shows how the Hex color 94DC81 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 94DC81 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

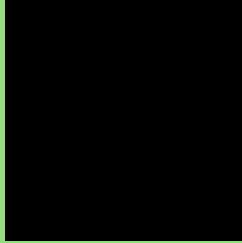
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 94DC81 Background



This preview shows how black text looks on a background with the Hex color 94DC81.

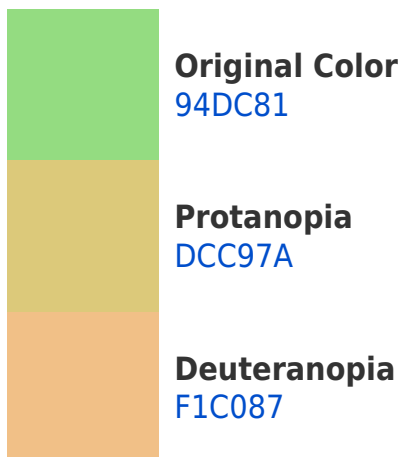


This preview shows how white text looks on a background with the Hex color 94DC81.

# 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](#).

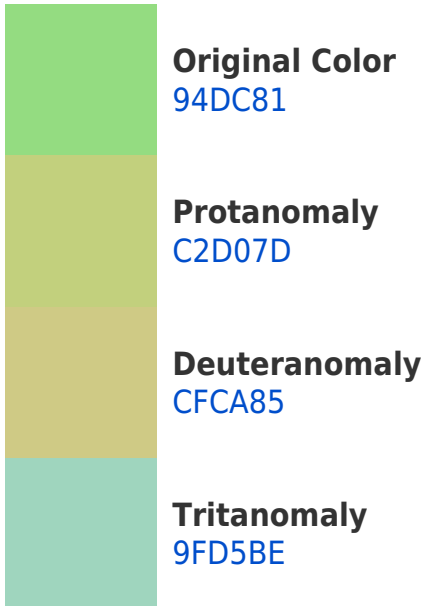
## Dichromacy



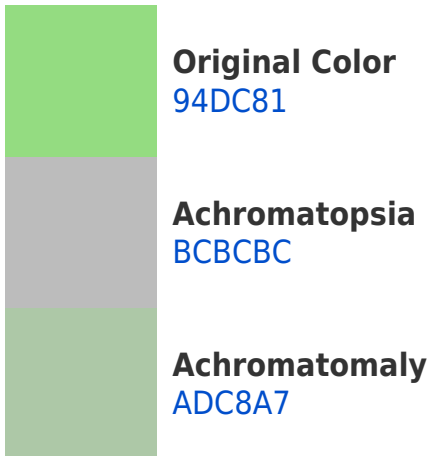


**Tritanopia**  
A5D1E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94DC81 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 #94DC81 looks like.

```
.text, #text, p{  
    color:#94DC81  
}
```

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 #94DC81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94DC81
}
```

## Border

The CSS property to change the border of an element to Hex 94DC81 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
#94DC81 }
```

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

```
.border{ border-color:#94DC81 }
```

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

Here you see how a box with a 4 pixel #94DC81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94DC81; -webkit-box-shadow:4px 4px  
4px 4px #94DC81; box-shadow:4px 4px 4px  
4px #94DC81 }
```

# Background

The CSS property to change the background color of an element to Hex 94DC81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94DC81 }
```

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

```
.background{ background-color:#94DC81 }
```

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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