

# Converting Colors

Hex(95FA81)

Have a look what the booklet for  
Hex(95FA81) contains.

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# **Color**

**Hex(95FA81)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95FA81
RGB	149, 250, 129
RGB Percent	58%, 98%, 51%
CMY	0.4157, 0.0196, 0.4941
CMYK	0.40, 0.00, 0.48, 0.02
HSL	110°, 92%, 74%
HSV	110°, 48%, 98%
XYZ	50.5425, 76.3458, 32.8412
YIQ	206.0070, -21.3550, -59.0430

# Conversions

## Conversions Part 2

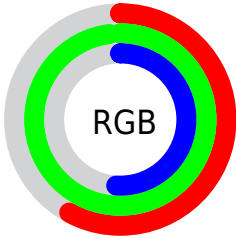
Format	Color
<a href="#">RYB</a>	<a href="#">129, 250, 230</a>
Decimal	<a href="#">9828993</a>
CIELab	<a href="#">90.02, -51.90, 48.67</a>
CIElCh	<a href="#">90, 71.147, 136.842</a>
Yxy	<a href="#">76.3458, 0.3164, 0.4780</a>
Android (android.graphics.Color)	<a href="#">4288019073 (0xFF95FA81)</a>
YUV	<a href="#">206.0070, -37.9645, -49.9951</a>
Hunter-Lab	<a href="#">87.3761, -49.6552, 38.8785</a>

# Details

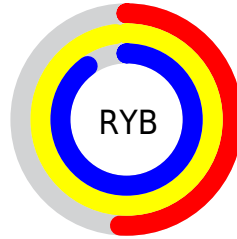
The Hex color **95FA81** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E681FA**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **CFFFB8**, and **5BC14C** is the 20% darker color. If you saturate the color by 10%, you get **80FA68**, and if you desaturate by 10%, it is **AAFA9A**.

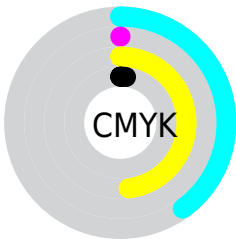
# Distribution



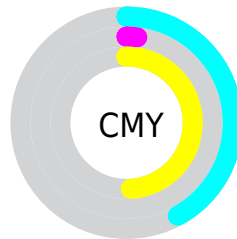
- Red (58%)
- Green (98%)
- Blue (51%)



- Red (51%)
- Yellow (98%)
- Blue (90%)



- Cyan (40%)
- Magenta (0%)
- Yellow (48%)
- Black (2%)



- Cyan (42%)
- Magenta (2%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95FA81 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 95FA81 by changing the saturation by 10% instead.



 95FA81

 95FA81

FFFFFF

 78DD66

 CFFFB8

 5BC14C

 EDFFD4

 3DA532

 FFFFF1

 168A15

 007000

 005600

 003E00

 002800

 000000

 95FA81

 95FA81

 80FA68

 AAFA9A

 6BFA4F

 BFFAB3

 56FA36

 D4FACC

 42FA1D

 E8FAE5

 2DFA04

 FDFAFE

 29FA00

 FFFAFF

# Harmonies

## Analogous

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



E3EB58



95FA81



00FC1

# Triad

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



95FA81



00F2FF



FFA8BF

# Complementary

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



95FA81



E681FA

# Split Complementary

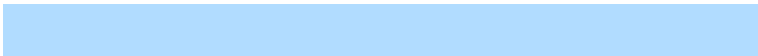
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFAAFF



95FA81



B1DCFF

# Square

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



95FA81



00FFFF



FFC1FF



FFBA82

# Rectangle

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



95FA81



00FFF0



FFC1FF



FFA6D5

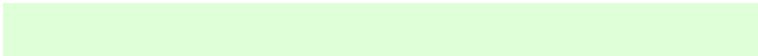


# Sweetspot

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



95FA81



DFFFD9



FAE681



6C8069



000000



808080



# Same Dimension

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



95FA81



84FF6B



81FAA9



737D70



1FBD00



0A3D00



# Inverse Universe

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



E681FA



E76BFF



FA81D2



7B707D



9E00BD

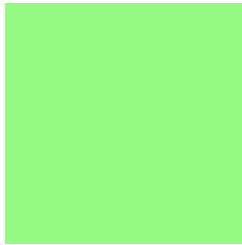


33003D



# Previews

## White Background



This preview shows how the Hex color 95FA81 looks on a white background.

## Color Contrast Check

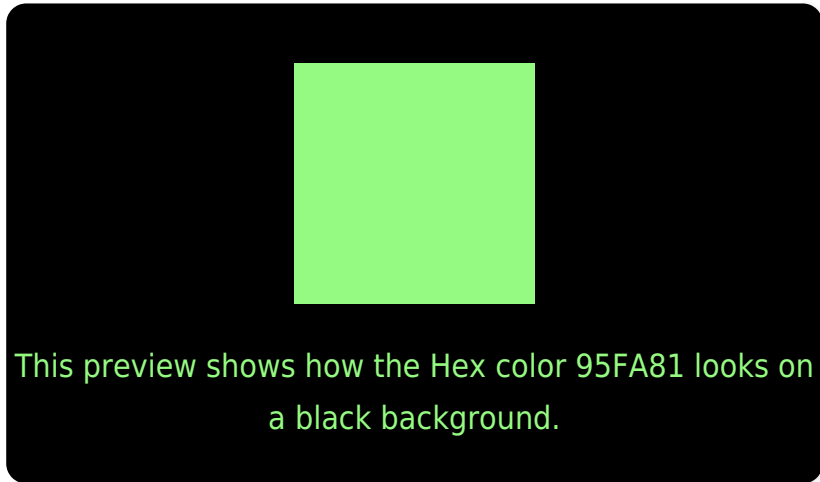
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

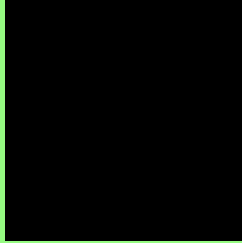
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 95FA81 Background



This preview shows how black text looks on a background with the Hex color 95FA81.

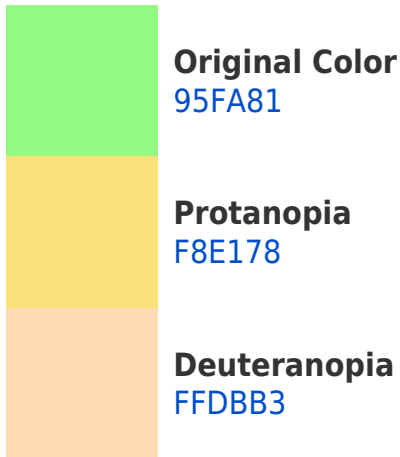


This preview shows how white text looks on a background with the Hex color 95FA81.

# 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

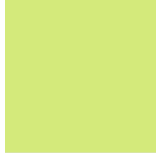




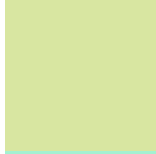
# Trichromacy



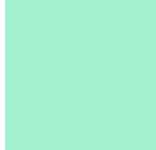
**Original Color**  
95FA81



**Protanomaly**  
D4EA7B



**Deuteranomaly**  
D8E6A1

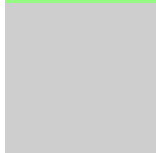


**Tritanomaly**  
A4F1D1

# Monochromacy



**Original Color**  
95FA81



**Achromatopsia**  
CECECE



**Achromatomaly**  
B9DEB2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95FA81 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 #95FA81 looks like.

```
.text, #text, p{  
    color:#95FA81  
}
```

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 #95FA81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95FA81
}
```

## Border

The CSS property to change the border of an element to Hex 95FA81 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
#95FA81 }
```

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

```
.border{ border-color:#95FA81 }
```

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

Here you see how a box with a 4 pixel #95FA81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95FA81; -webkit-box-shadow:4px 4px  
4px 4px #95FA81; box-shadow:4px 4px 4px  
4px #95FA81 }
```

# Background

The CSS property to change the background color of an element to Hex 95FA81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95FA81 }
```

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

```
.background{ background-color:#95FA81 }
```

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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