

# Converting Colors

Hex(95CC81)

Have a look what the booklet for  
Hex(95CC81) contains.

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**Color**

**Hex(95CC81)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	95CC81
RGB	149, 204, 129
RGB Percent	58%, 80%, 51%
CMY	0.4157, 0.2000, 0.4941
CMYK	0.27, 0.00, 0.37, 0.20
HSL	104°, 42%, 65%
HSV	104°, 37%, 80%
XYZ	37.9497, 51.1603, 28.6436
YIQ	179.0050, -8.7050, -34.9850

# Conversions

## Conversions Part 2

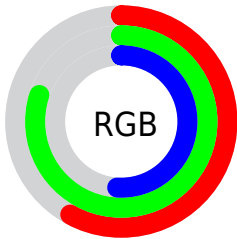
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 204, 184
Decimal	9817217
CIELab	76.78, -31.72, 31.81
CIELCh	77, 44.919, 134.917
Yxy	51.1603, 0.3223, 0.4345
Android (android.graphics.Color)	4288007297 (0xFF95CC81)
YUV	179.0050, -24.6525, -26.3144
Hunter-Lab	71.5264, -30.4645, 26.3251

# Details

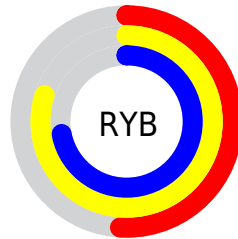
The Hex color **95CC81** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B881CC**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **CDFFB7**, and **60954F** is the 20% darker color. If you saturate the color by 10%, you get **86CC6D**, and if you desaturate by 10%, it is **A4CC95**.

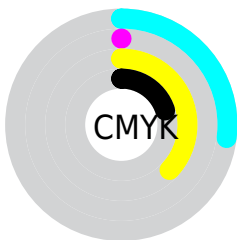
# Distribution



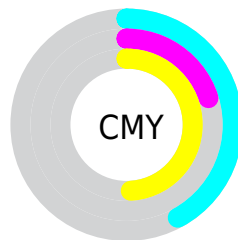
- Red (58%)
- Green (80%)
- Blue (51%)



- Red (51%)
- Yellow (80%)
- Blue (72%)



- Cyan (27%)
- Magenta (0%)
- Yellow (37%)
- Black (20%)



- Cyan (42%)
- Magenta (20%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95CC81 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 95CC81 by changing the saturation by 10% instead.



 95CC81

 95CC81

FFFFFF

 7AB067

 CDFFB7


 60954F

 E9FFD2

 467B37

 FFFFEF

 2D621F

 114A06

 003300

 002000

 000000

 95CC81

 95CC81

 86CC6D

 A4CC95

 77CC58

 B3CCAA

 68CC44

 C2CCBE

 59CC2F

 D1CCD3

 4ACC1B

 E0CCE7

 3BCC07

 EFCCFB

 36CC00

 FECCFF

 FFCCFF

# Harmonies

## Analogous

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



C4C26B



95CC81



5DD2A6

# Triad

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



95CC81



52C8FF



FF9DAA

# Complementary

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



95CC81



B881CC

# 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.



FF9FD4



95CC81



A2BAFF

# Square

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



95CC81



00D0F7



DCABF9



FFA685

# Rectangle

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



95CC81



26D3C3



DCABF9



FF9CB8



# Sweetspot

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



95CC81



EAFFE3



CCB881



73806F



000000



808080

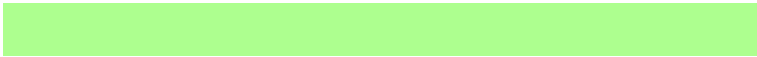


# Same Dimension

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



95CC81



AFFF8F



81CC93



5F665C



2CA600



0A2600



# Inverse Universe

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



B881CC



E18FFF



CC81BB



635C66



7A00A6



1C0026



# Previews

## White Background



This preview shows how the Hex color 95CC81 looks on a white background.

## Color Contrast Check

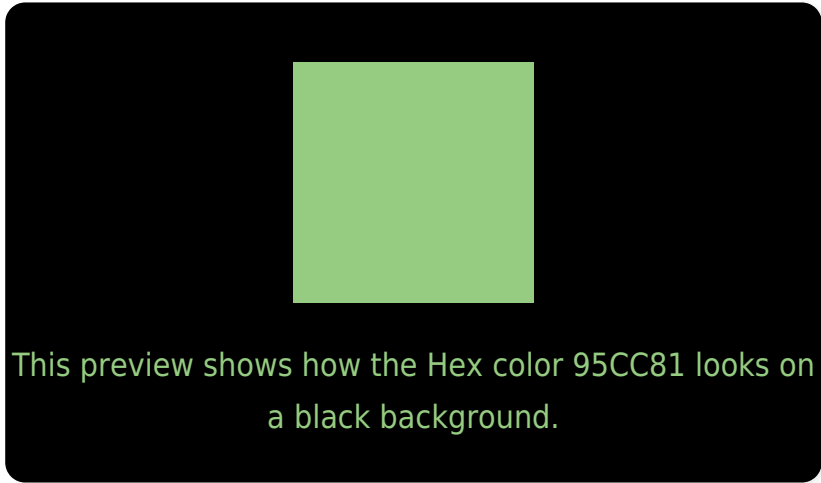
Large Text (above 18pt) WCAG AA × Fail

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 95CC81 Background



This preview shows how black text looks on a background with the Hex color 95CC81.

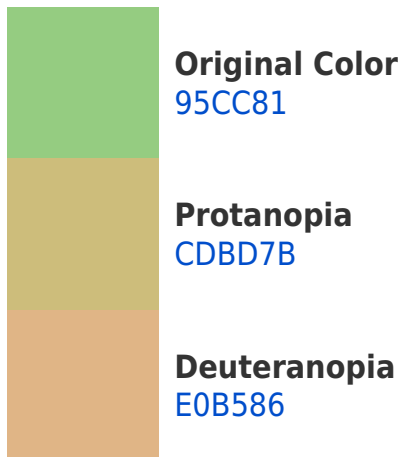


This preview shows how white text looks on a background with the Hex color 95CC81.

# Color Blindness Simulation

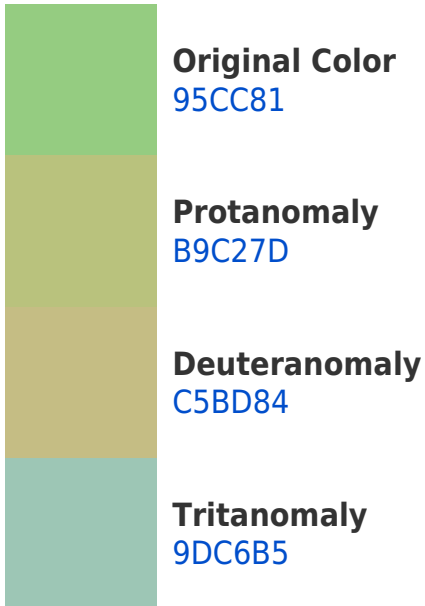
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

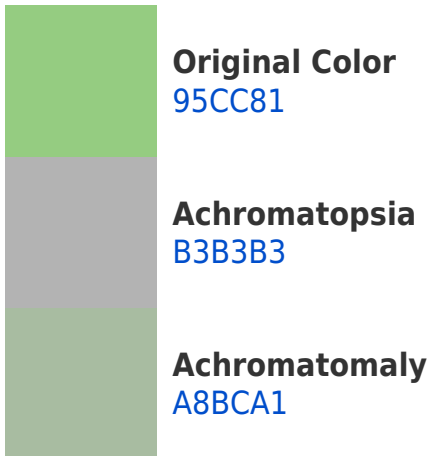




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95CC81 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 #95CC81 looks like.

```
.text, #text, p{  
    color:#95CC81  
}
```

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 #95CC81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95CC81
}
```

## Border

The CSS property to change the border of an element to Hex 95CC81 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
#95CC81 }
```

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

```
.border{ border-color:#95CC81 }
```

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

Here you see how a box with a 4 pixel #95CC81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95CC81; -webkit-box-shadow:4px 4px  
4px 4px #95CC81; box-shadow:4px 4px 4px  
4px #95CC81 }
```

# Background

The CSS property to change the background color of an element to Hex 95CC81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95CC81 }
```

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

```
.background{ background-color:#95CC81 }
```

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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