

# Converting Colors

Hex(95CB95)

Have a look what the booklet for  
Hex(95CB95) contains.

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# **Color**

**Hex(95CB95)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95CB95
RGB	149, 203, 149
RGB Percent	58%, 80%, 58%
CMY	0.4157, 0.2039, 0.4157
CMYK	0.27, 0.00, 0.27, 0.20
HSL	120°, 34%, 69%
HSV	120°, 27%, 80%
XYZ	39.1752, 51.2714, 36.2654
YIQ	180.6980, -14.8500, -28.2420

# Conversions

## Conversions Part 2

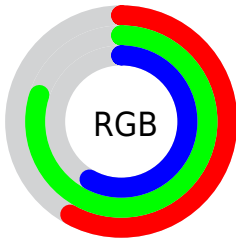
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 203, 203
Decimal	9816981
CIELab	76.84, -28.08, 21.44
CIElCh	77, 35.332, 142.643
Yxy	51.2714, 0.3092, 0.4046
Android (android.graphics.Color)	4288007061 (0xFF95CB95)
YUV	180.6980, -15.6271, -27.7991
Hunter-Lab	71.6040, -27.6481, 20.0941

# Details

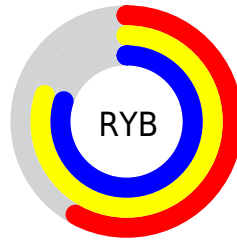
The Hex color **95CB95** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CB95CB**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **CCFFCB**, and **619562** is the 20% darker color. If you saturate the color by 10%, you get **81CB81**, and if you desaturate by 10%, it is **A9CBA9**.

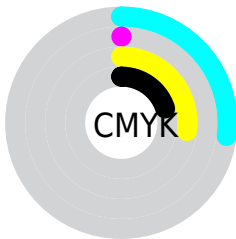
# Distribution



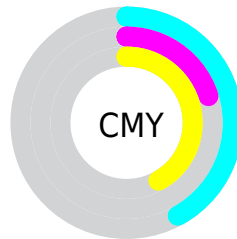
- Red (58%)
- Green (80%)
- Blue (58%)



- Red (58%)
- Yellow (80%)
- Blue (80%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 95CB95 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 95CB95 by changing the saturation by 10% instead.





95CB95



95CB95

FFFFFF



7AAF7B



CCFFCB



619562



E9FFE8



477B4A



2F6133



15491D



003205



001F00



000000



95CB95



95CB95

 81CB81

 A9CBA9

 6CCB6C

 BECBBE

 58CB58

 D2CBD2

 44CB44

 E6CBE6

 30CB30

 FBCBFB

 1BCB1B

 FFCBFF

 07CB07

 00CB00

# Harmonies

## Analogous

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



BBC381



95CB95



6ECFB4

# Triad

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



95CB95



85C3FE



FFA6A6

# Complementary

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



95CB95



CB95CB

# 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.



F8A6C7



95CB95



B7B8FA

# Square

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



95CB95



58CBF1



DFADE6



F4AE8B

# Rectangle

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



95CB95



57D0CB



DFADE6



FEA5B1



# Sweetspot

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



95CB95



EBFFEB



CBCB95



738073



000000



808080

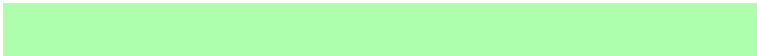


# Same Dimension

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



95CB95



AFFFAD



95CBB0



5C665C



00A600



002600



# Inverse Universe

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



CB95CB



FFADFF



CB95B0



665C66



A600A6

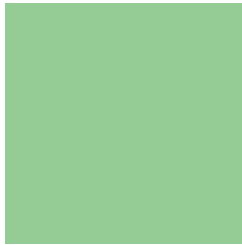


260026



# Previews

## White Background



This preview shows how the Hex color 95CB95 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 95CB95 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

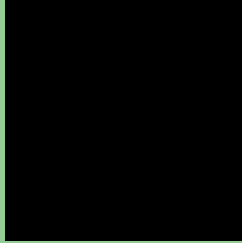
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 95CB95 Background



This preview shows how black text looks on a background with the Hex color 95CB95.

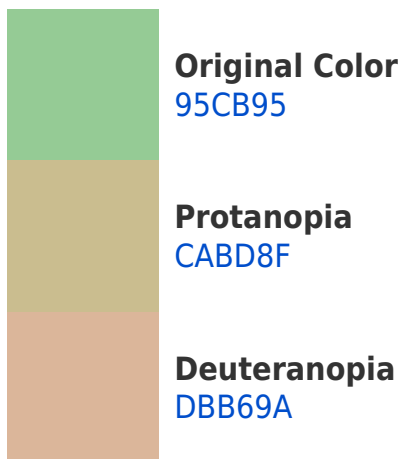


This preview shows how white text looks on a background with the Hex color 95CB95.

# 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](#).

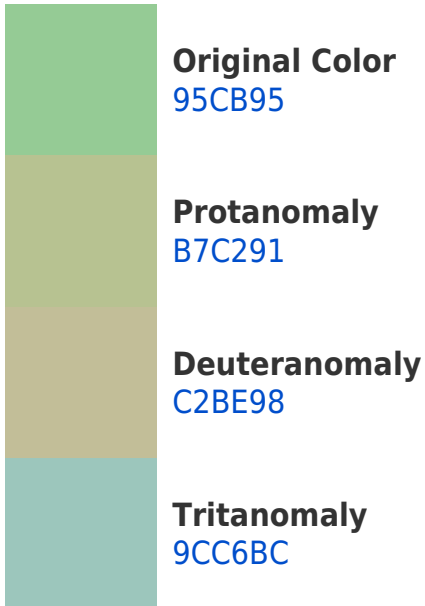
## Dichromacy



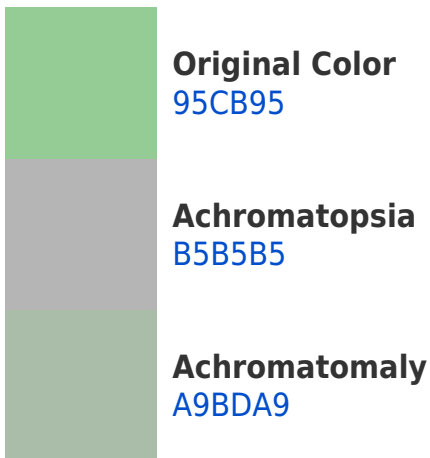


**Tritanopia**  
A0C3D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95CB95 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 #95CB95 looks like.

```
.text, #text, p{  
    color:#95CB95  
}
```

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 #95CB95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95CB95
}
```

## Border

The CSS property to change the border of an element to Hex 95CB95 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
#95CB95 }
```

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

```
.border{ border-color:#95CB95 }
```

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

Here you see how a box with a 4 pixel #95CB95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95CB95; -webkit-box-shadow:4px 4px  
4px 4px #95CB95; box-shadow:4px 4px 4px  
4px #95CB95 }
```

# Background

The CSS property to change the background color of an element to Hex 95CB95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95CB95 }
```

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

```
.background{ background-color:#95CB95 }
```

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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