

Converting Colors

Hex(9BCEA5)

Have a look what the booklet for
Hex(9BCEA5) contains.

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Color

Hex(9BCEA5)

Conversions

Conversions Part 1

Format	Color
Hex	9BCEA5
RGB	155, 206, 165
RGB Percent	61%, 81%, 65%
CMY	0.3922, 0.1922, 0.3529
CMYK	0.25, 0.00, 0.20, 0.19
HSL	132°, 34%, 71%
HSV	132°, 25%, 81%
XYZ	42.3804, 53.8278, 43.7534
YIQ	186.0770, -17.2350, -23.5630

Conversions

Conversions Part 2

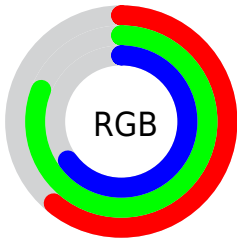
Format	Color
RYB	155, 198, 206
Decimal	10210981
CIELab	78.36, -24.75, 15.11
CIELCh	78, 28.991, 148.599
Yxy	53.8278, 0.3028, 0.3846
Android (android.graphics.Color)	4288401061 (0xFF9BCEA5)
YUV	186.0770, -10.3910, -27.2545
Hunter-Lab	73.3674, -25.2832, 15.9990

Details

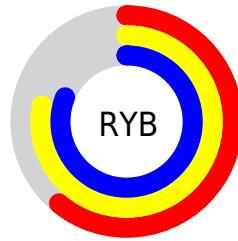
The Hex color **9BCEA5** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CE9BC4**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **D2FFDC**, and **679771** is the 20% darker color. If you saturate the color by 10%, you get **86CE94**, and if you desaturate by 10%, it is **B0CEB6**.

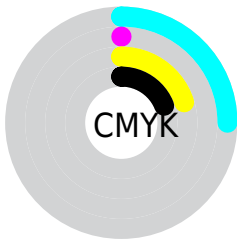
Distribution



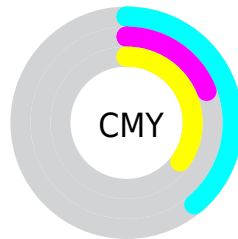
- Red (61%)
- Green (81%)
- Blue (65%)



- Red (61%)
- Yellow (78%)
- Blue (81%)



- Cyan (25%)
- Magenta (0%)
- Yellow (20%)
- Black (19%)



- Cyan (39%)
- Magenta (19%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BCEA5 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 9BCEA5 by changing the saturation by 10% instead.



9BCEA5



9BCEA5

FFFFFF



80B28B



D2FFDC



679771



FFFFFF9



4D7D58



356441



1D4C2B



023516



002000



000000



9BCEA5



9BCEA5

 86CE94

 B0CEB6

 72CE84

 C4CEC6

 5DCE73

 D9CED7

 49CE63

 EDCEE7

 34CE52

 FFCEF8

 1FCE42

 FFCEFF

 0BCE31

 00CE28

Harmonies

Analogous

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



BAC892



9BCEA5



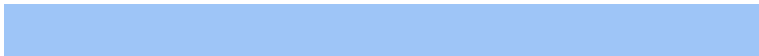
7FD1C0

Triad

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



9BCEA5



9EC5F7



F8B0A9

Complementary

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



9BCEA5



CE9BC4

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.



F5AEC4



9BCEA5



C4BBF1

Square

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



9BCEA5



7DCCEF



E3B3DE



EDB795

Rectangle

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



9BCEA5



73D1D2



E3B3DE



F9AFB2

Sweetspot

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



9BCEA5



EDFFF1



C5CE9B



758077



000000



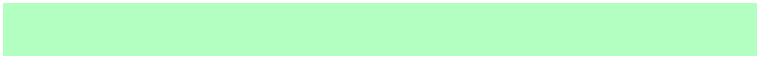
808080

Same Dimension

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



9BCEA5



B3FFC2



9BCEBE



5C665E



00A621



002608

Inverse Universe

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



CE9BC4



FFB3F0



CE9BAB



665C64



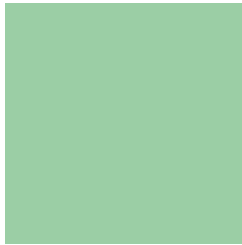
A60085



26001F

Previews

White Background



This preview shows how the Hex color 9BCEA5 looks on a white background.

Color Contrast Check

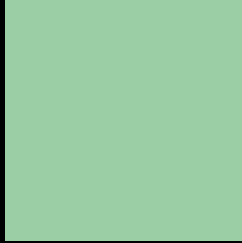
Large Text (above 18pt) WCAG AA × Fail

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 9BCEA5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

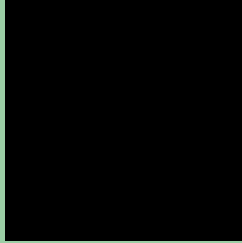
Any Text WCAG AA ✓ Pass

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 9BCEA5 Background



This preview shows how black text looks on a background with the Hex color 9BCEA5.

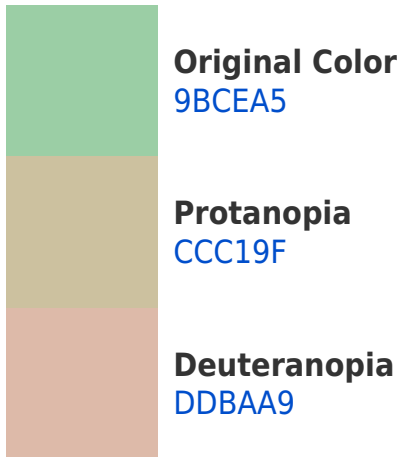


This preview shows how white text looks on a background with the Hex color 9BCEA5.

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](#).

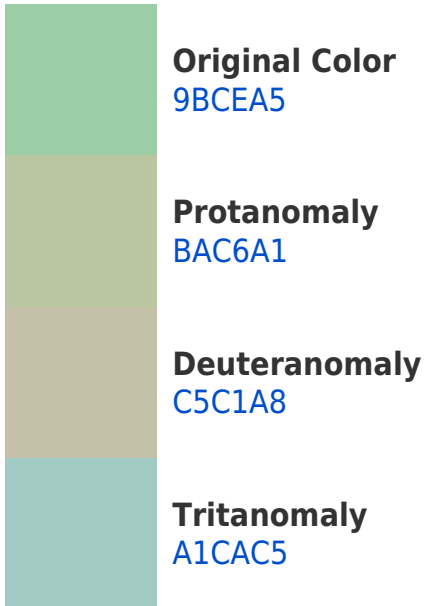
Dichromacy



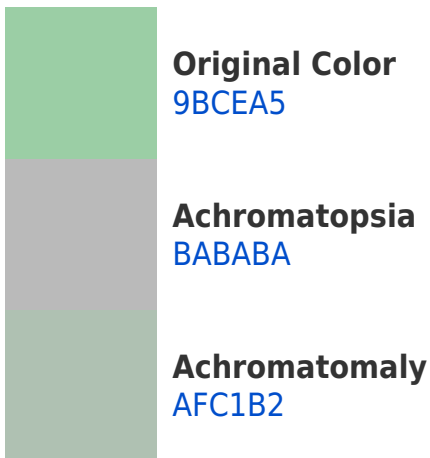


Tritanopia
A4C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BCEA5 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 #9BCEA5 looks like.

```
.text, #text, p{  
    color:#9BCEA5  
}
```

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 #9BCEA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BCEA5
}
```

Border

The CSS property to change the border of an element to Hex 9BCEA5 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
#9BCEA5 }
```

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

```
.border{ border-color:#9BCEA5 }
```

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

Here you see how a box with a 4 pixel #9BCEA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BCEA5; -webkit-box-shadow:4px 4px  
4px 4px #9BCEA5; box-shadow:4px 4px 4px  
4px #9BCEA5 }
```

Background

The CSS property to change the background color of an element to Hex 9BCEA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BCEA5 }
```

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

```
.background{ background-color:#9BCEA5 }
```

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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