

# Converting Colors

Hex(9BEA85)

Have a look what the booklet for  
Hex(9BEA85) contains.

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**Color**

**Hex(9BEA85)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BEA85
RGB	155, 234, 133
RGB Percent	61%, 92%, 52%
CMY	0.3922, 0.0824, 0.4784
CMYK	0.34, 0.00, 0.43, 0.08
HSL	107°, 71%, 72%
HSV	107°, 43%, 92%
XYZ	47.1740, 67.5077, 32.7343
YIQ	198.8650, -14.6630, -48.1590

# Conversions

## Conversions Part 2

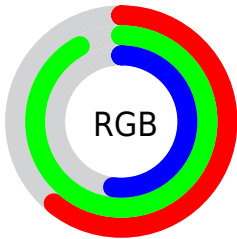
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 234, 212
Decimal	10218117
CIELab	85.76, -42.74, 41.47
CIELCh	86, 59.553, 135.869
Yxy	67.5077, 0.3200, 0.4579
Android (android.graphics.Color)	4288408197 (0xFF9BEA85)
YUV	198.8650, -32.4714, -38.4696
Hunter-Lab	82.1630, -41.2993, 33.8926

# Details

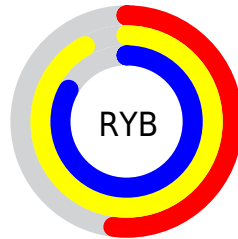
The Hex color **9BEA85** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **D485EA**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **D4FFBB**, and **64B251** is the 20% darker color. If you saturate the color by 10%, you get **89EA6E**, and if you desaturate by 10%, it is **ADEA9C**.

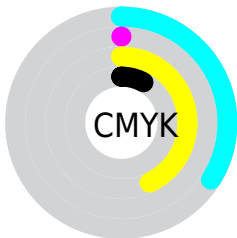
# Distribution



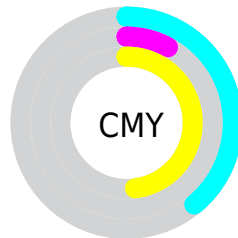
- Red (61%)
- Green (92%)
- Blue (52%)



- Red (52%)
- Yellow (92%)
- Blue (83%)



- Cyan (34%)
- Magenta (0%)
- Yellow (43%)
- Black (8%)



- Cyan (39%)
- Magenta (8%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BEA85 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 9BEA85 by changing the saturation by 10% instead.



 9BEA85

 9BEA85

FFFFFF

 7FCE6B

 D4FFBB

 64B251

 F1FFD8

 489738

 FFFFF4

 2B7C1F

 026300

 004A00

 003300

 001D00

 000000

 9BEA85

 9BEA85

 89EA6E

 ADEA9C

 76EA56

 C0EAB4

 64EA3F

 D2EACB

 52EA27

 E4EAE3

 3FEA10

 F7EAFA

 33EA00

 FFEAFF

# Harmonies

## Analogous

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



DBDD66



9BEA85



39F1B9

# Triad

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



9BEA85



00E4FF



FFA8BB

# Complementary

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



9BEA85



D485EA

# 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.



FFAAF4



9BEA85



AFD2FF

# Square

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



9BEA85



00EFFF



FFBCFF



FFB588

# Rectangle

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



9BEA85



00F3E0



FFBCFF



FFA7CD

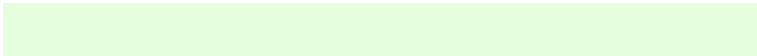


# Sweetspot

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



9BEA85



E5FFDE



EAD285



70806B



000000



808080



# Same Dimension

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



9BEA85



97FF7A



85EAA0



6C756A



27B500



0C3600



# Inverse Universe

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



D485EA



E27AFF



EA85CF



736A75



8E00B5



2A0036



# Previews

## White Background



This preview shows how the Hex color 9BEA85 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 9BEA85 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

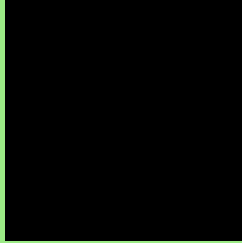
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9BEA85 Background



This preview shows how black text looks on a background with the Hex color 9BEA85.

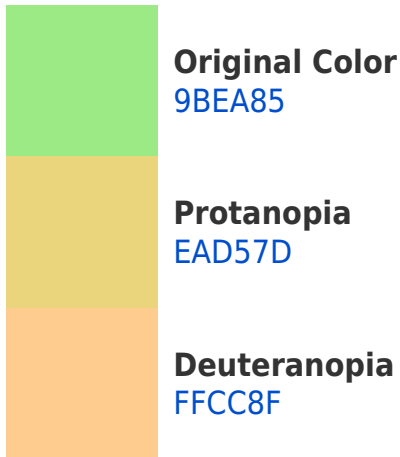


This preview shows how white text looks on a background with the Hex color 9BEA85.

# 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**  
9BEA85



**Protanomaly**  
CDDD80



**Deuteranomaly**  
DBD78B



**Tritanomaly**  
A6E2C8

# Monochromacy



**Original Color**  
9BEA85



**Achromatopsia**  
C7C7C7



**Achromatomaly**  
B7D4AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BEA85 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 #9BEA85 looks like.

```
.text, #text, p{  
    color:#9BEA85  
}
```

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 #9BEA85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BEA85
}
```

## Border

The CSS property to change the border of an element to Hex 9BEA85 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
#9BEA85 }
```

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

```
.border{ border-color:#9BEA85 }
```

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

Here you see how a box with a 4 pixel #9BEA85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BEA85; -webkit-box-shadow:4px 4px  
4px 4px #9BEA85; box-shadow:4px 4px 4px  
4px #9BEA85 }
```

# Background

The CSS property to change the background color of an element to Hex 9BEA85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BEA85 }
```

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

```
.background{ background-color:#9BEA85 }
```

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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