

# Converting Colors

Hex(9BE299)

Have a look what the booklet for  
Hex(9BE299) contains.

|  |    |
|--|----|
| <b>Hex(9BE299)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

**Color**

**Hex(9BE299)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 9BE299                       |
| RGB         | 155, 226, 153                |
| RGB Percent | 61%, 89%, 60%                |
| CMY         | 0.3922, 0.1137, 0.4000       |
| CMYK        | 0.31, 0.00, 0.32, 0.11       |
| HSL         | 118°, 56%, 74%               |
| HSV         | 118°, 32%, 89%               |
| XYZ         | 46.4637, 63.6612, 39.9759    |
| YIQ         | 196.4490, -18.8830, -37.7550 |

# Conversions

## Conversions Part 2

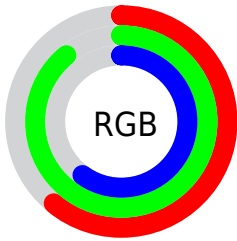
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 153, 226, 224                   |
| Decimal                             | 10216089                        |
| CIELab                              | 83.79, -36.25, 28.84            |
| CIElCh                              | 84, 46.320, 141.493             |
| Yxy                                 | 63.6612, 0.3095,<br>0.4241      |
| Android<br>(android.graphics.Color) | 4288406169<br>(0xFF9BE299)      |
| YUV                                 | 196.4490, -21.4204,<br>-36.3508 |
| Hunter-Lab                          | 79.7880, -35.6813,<br>26.1457   |

# Details

The Hex color **9BE299** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E099E2**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D3FFD0**, and **65AA65** is the 20% darker color. If you saturate the color by 10%, you get **85E282**, and if you desaturate by 10%, it is **B1E2B0**.

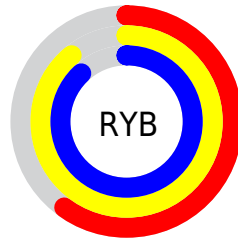
# Distribution



Red (61%)

Green (89%)

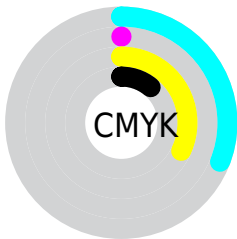
Blue (60%)



Red (60%)

Yellow (89%)

Blue (88%)

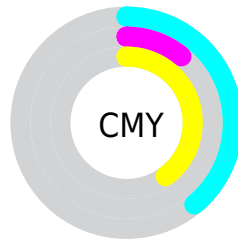


Cyan (31%)

Magenta (0%)

Yellow (32%)

Black (11%)



Cyan (39%)

Magenta (11%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BE299 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 9BE299 by changing the saturation by 10% instead.



 9BE299

 9BE299

FFFFFF

 80C67F


 D3FFD0

 65AA65

 F0FFEC

 4B8F4D

 307535

 115C1E

 004406

 002D00

 001600

 000000

 9BE299

 9BE299

 85E282

 B1E2B0

 6FE26C

 C7E2C6

 59E255

 DDE2DD

 43E23F

 F3E2F3

 2DE228

 FFE2FF

 17E211

 06E200

# Harmonies

## Analogous

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



CDD87E



9BE299



5FE7C3

# Triad

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



9BE299



78D9FF



FFB0B3

# Complementary

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



9BE299



E099E2

# 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.



FFB0DF



9BE299



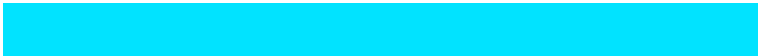
C3CAFF

# Square

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



9BE299



01E3FF



FCBAFF



FFBB8E

# Rectangle

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



9BE299



27E8E1



FCBAFF



FFAFC2

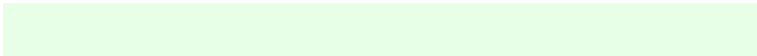


# Sweetspot

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



9BE299



E6FFE6



E2E099



718070



000000



808080

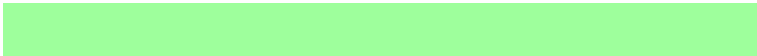


# Same Dimension

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



9BE299



9EFF9C



99E2BB



657065



05B000



013000



# Inverse Universe

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



E099E2



FC9CFF



E299C0



706570



AB00B0

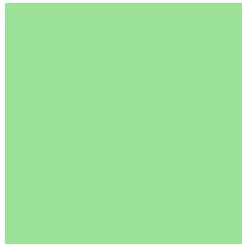


2F0030



# Previews

## White Background



This preview shows how the Hex color 9BE299 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 9BE299 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

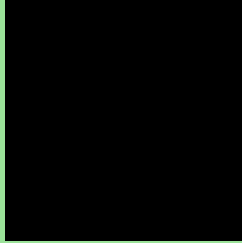
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9BE299 Background



This preview shows how black text looks on a background with the Hex color 9BE299.

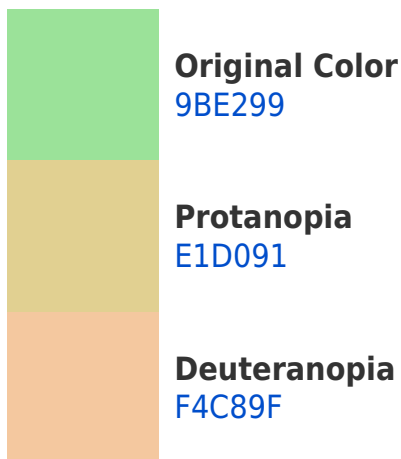


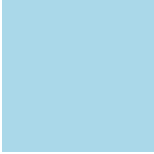
This preview shows how white text looks on a background with the Hex color 9BE299.

# 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**  
AAD8E9

# Trichromacy



**Original Color**  
9BE299



**Protanomaly**  
C8D794



**Deuteranomaly**  
D4D19D

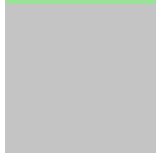


**Tritanomaly**  
A5DCCC

# Monochromacy



**Original Color**  
9BE299



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
B5CFB4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BE299 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 #9BE299 looks like.

```
.text, #text, p{  
    color:#9BE299  
}
```

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 #9BE299 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BE299
}
```

## Border

The CSS property to change the border of an element to Hex 9BE299 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
#9BE299 }
```

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

```
.border{ border-color:#9BE299 }
```

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

Here you see how a box with a 4 pixel #9BE299 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BE299; -webkit-box-shadow:4px 4px  
4px 4px #9BE299; box-shadow:4px 4px 4px  
4px #9BE299 }
```

# Background

The CSS property to change the background color of an element to Hex 9BE299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BE299 }
```

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

```
.background{ background-color:#9BE299 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor