

# Converting Colors

Hex(9BE294)

Have a look what the booklet for  
Hex(9BE294) contains.

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**Color**

**Hex(9BE294)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BE294
RGB	155, 226, 148
RGB Percent	61%, 89%, 58%
CMY	0.3922, 0.1137, 0.4196
CMYK	0.31, 0.00, 0.35, 0.11
HSL	115°, 57%, 73%
HSV	115°, 35%, 89%
XYZ	46.0592, 63.4994, 37.8460
YIQ	195.8790, -17.2780, -39.3100

# Conversions

## Conversions Part 2

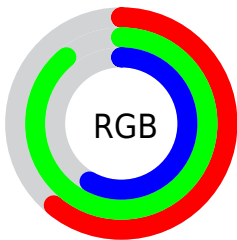
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 226, 219
Decimal	10216084
CIELab	83.70, -37.03, 31.28
CIELCh	84, 48.474, 139.808
Yxy	63.4994, 0.3125, 0.4308
Android (android.graphics.Color)	4288406164 (0xFF9BE294)
YUV	195.8790, -23.6043, -35.8509
Hunter-Lab	79.6865, -36.2774, 27.6216

# Details

The Hex color **9BE294** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **DB94E2**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **D3FFCB**, and **65AA60** is the 20% darker color. If you saturate the color by 10%, you get **86E27D**, and if you desaturate by 10%, it is **B0E2AB**.

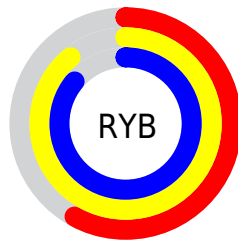
# Distribution



Red (61%)

Green (89%)

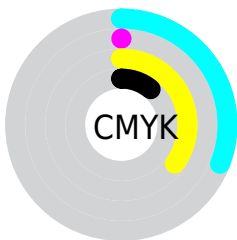
Blue (58%)



Red (58%)

Yellow (89%)

Blue (86%)

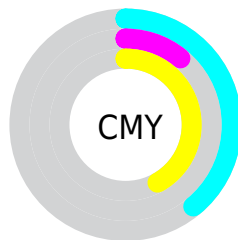


Cyan (31%)

Magenta (0%)

Yellow (35%)

Black (11%)



Cyan (39%)

Magenta (11%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BE294 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 9BE294 by changing the saturation by 10% instead.



 9BE294

 9BE294

FFFFFF

 80C67A

 D3FFCB

 65AA60

 F0FFE7

 4A8F48

 2F7530

 105C19

 004400

 002D00

 001500

 000000

 9BE294

 9BE294

 86E27D

 B0E2AB

 72E267

 C4E2C1

 5DE250

 D9E2D8

 49E23A

 EDE2EE

 34E223

 FFE2FF

 20E20C

 14E200

# Harmonies

## Analogous

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



CFD779



9BE294



5AE8BF

# Triad

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



9BE294



6BDAFF



FFAEB4

# Complementary

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



9BE294



DB94E2

# 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.



FFAEE2



9BE294



BECBFF

# Square

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



9BE294



00E4FF



FBBAFF



FFB98D

# Rectangle

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



9BE294



02E9DF



FBBAFF



FFACC3

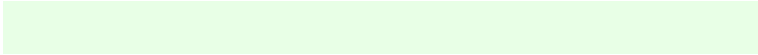


# Sweetspot

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



9BE294



E8FFE6



E2DA94



728070



000000



808080

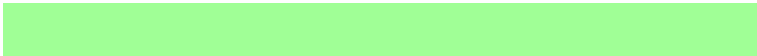


# Same Dimension

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



9BE294



A0FF96



94E2B3



667065



10B000



043000



# Inverse Universe

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



DB94E2



F696FF



E294C3



6F6570



A000B0

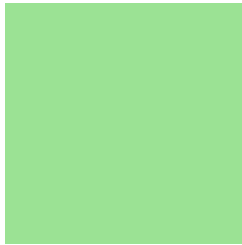


2C0030



# Previews

## White Background



This preview shows how the Hex color 9BE294 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 9BE294 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

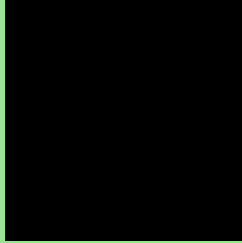
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9BE294 Background



This preview shows how black text looks on a background with the Hex color 9BE294.

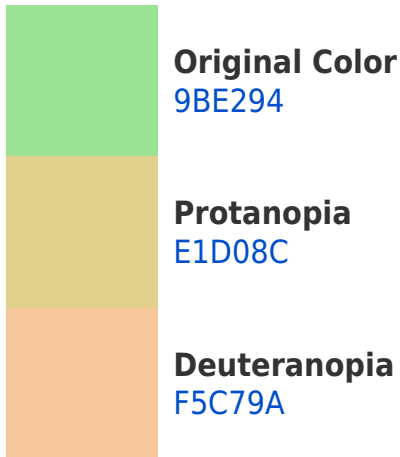


This preview shows how white text looks on a background with the Hex color 9BE294.

# 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**  
9BE294



**Protanomaly**  
C8D78F



**Deuteranomaly**  
D4D198



**Tritanomaly**  
A5DCCA

# Monochromacy



**Original Color**  
9BE294



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
B5CFB3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BE294 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 #9BE294 looks like.

```
.text, #text, p{  
    color:#9BE294  
}
```

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 #9BE294 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BE294
}
```

## Border

The CSS property to change the border of an element to Hex 9BE294 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
#9BE294 }
```

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

```
.border{ border-color:#9BE294 }
```

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

Here you see how a box with a 4 pixel #9BE294 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BE294; -webkit-box-shadow:4px 4px  
4px 4px #9BE294; box-shadow:4px 4px 4px  
4px #9BE294 }
```

# Background

The CSS property to change the background color of an element to Hex 9BE294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BE294 }
```

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

```
.background{ background-color:#9BE294 }
```

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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