

# Converting Colors

Hex(9BDE79)

Have a look what the booklet for  
Hex(9BDE79) contains.

<b>Hex(9BDE79)</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(9BDE79)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BDE79
RGB	155, 222, 121
RGB Percent	61%, 87%, 47%
CMY	0.3922, 0.1294, 0.5255
CMYK	0.30, 0.00, 0.45, 0.13
HSL	100°, 60%, 67%
HSV	100°, 45%, 87%
XYZ	43.0900, 60.5916, 27.5134
YIQ	190.4530, -7.5110, -45.6150

# Conversions

## Conversions Part 2

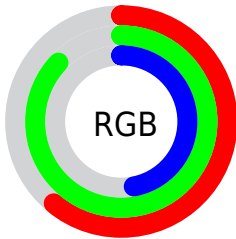
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">121, 222, 188</a>
Decimal	<a href="#">10215033</a>
CIELab	<a href="#">82.16, -38.99, 42.80</a>
CIElCh	<a href="#">82, 57.897, 132.337</a>
Yxy	<a href="#">60.5916, 0.3284, 0.4618</a>
Android (android.graphics.Color)	<a href="#">4288405113 (0xFF9BDE79)</a>
YUV	<a href="#">190.4530, -34.2403, -31.0923</a>
Hunter-Lab	<a href="#">77.8406, -37.4092, 33.5319</a>

# Details

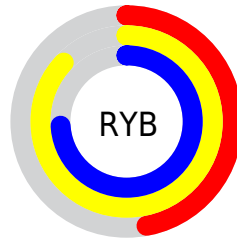
The Hex color **9BDE79** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **BC79DE**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **D4FFAF**, and **64A646** is the 20% darker color. If you saturate the color by 10%, you get **8CDE63**, and if you desaturate by 10%, it is **AADE8F**.

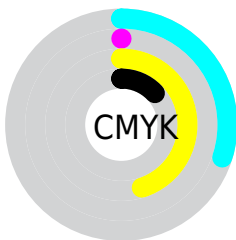
# Distribution



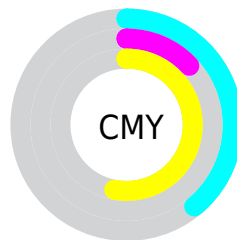
- Red (61%)
- Green (87%)
- Blue (47%)



- Red (47%)
- Yellow (87%)
- Blue (74%)



- Cyan (30%)
- Magenta (0%)
- Yellow (45%)
- Black (13%)



- Cyan (39%)
- Magenta (13%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BDE79 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 9BDE79 by changing the saturation by 10% instead.



 9BDE79

 9BDE79

FFFFFF

 7FC25F

 D4FFAF

 64A646

 F1FFCB

 498C2C

 FFFFE7

 2E7211

 0C5900

 004100

 002B00

 000E00

 000000

 9BDE79

 9BDE79

 8CDE63

 AADE8F

 7EDE4D

 B8DEA5

 6FDE36

 C7DEBC

 60DE20

 D6DED2

 51DE0A

 E5DEE8

 4BDE00

 F3DEFE

 FFDEFF

# Harmonies

## Analogous

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



D7D15E



9BDE79



45E6AA

# Triad

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



9BDE79



00DBFF



FF9FB8

# Complementary

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



9BDE79



BC79DE

# Split Complementary

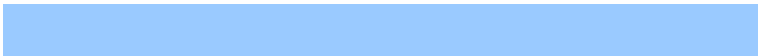
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA3EF



9BDE79



9ACAFF

# Square

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



9BDE79



00E5FF



EEB5FF



FFAA86

# Rectangle

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



9BDE79



00E8CF



EEB5FF



FF9ECA

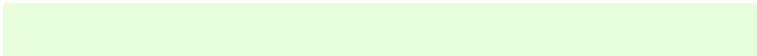


# Sweetspot

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



9BDE79



E7FFDB



DEBB79



71806A



000000



808080



# Same Dimension

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



9BDE79



A2FF73



79DE88



697065



3BB000



103000



# Inverse Universe

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



BC79DE



D073FF



DE79CF



6C6570



7500B0



200030



# Previews

## White Background



This preview shows how the Hex color 9BDE79 looks on a white background.

## Color Contrast Check

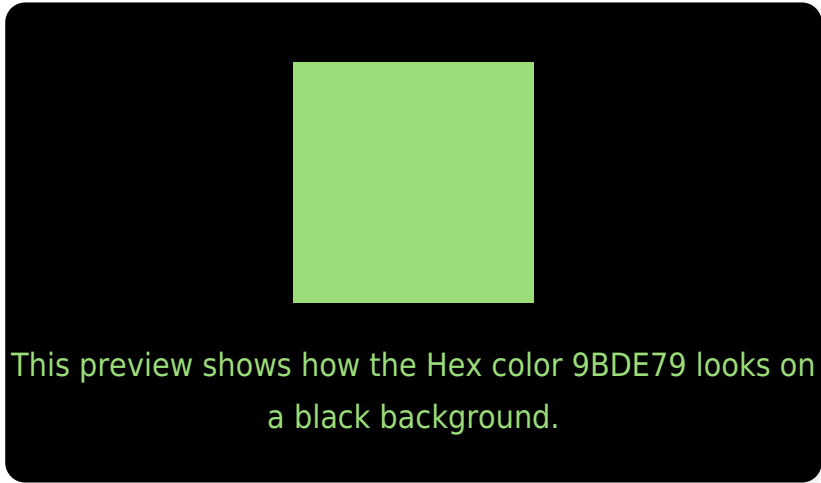
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

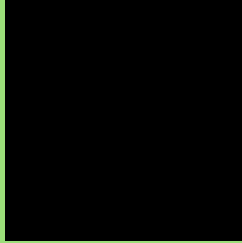
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9BDE79 Background



This preview shows how black text looks on a background with the Hex color 9BDE79.

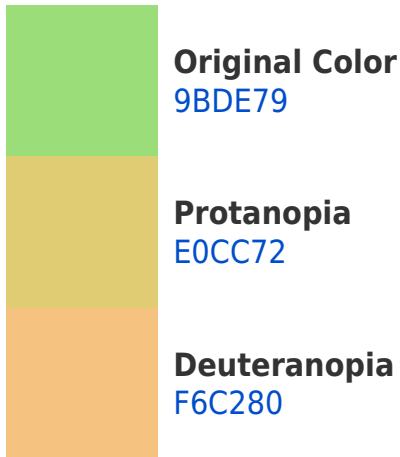


This preview shows how white text looks on a background with the Hex color 9BDE79.

# 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**  
9BDE79



**Protanomaly**  
C7D375



**Deuteranomaly**  
D5CC7D



**Tritanomaly**  
A6D6BC

# Monochromacy



**Original Color**  
9BDE79



**Achromatopsia**  
BEBEBE



**Achromatomaly**  
B1CAA5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BDE79 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 #9BDE79 looks like.

```
.text, #text, p{  
    color:#9BDE79  
}
```

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 #9BDE79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BDE79
}
```

## Border

The CSS property to change the border of an element to Hex 9BDE79 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
#9BDE79 }
```

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

```
.border{ border-color:#9BDE79 }
```

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

Here you see how a box with a 4 pixel #9BDE79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BDE79; -webkit-box-shadow:4px 4px  
4px 4px #9BDE79; box-shadow:4px 4px 4px  
4px #9BDE79 }
```

# Background

The CSS property to change the background color of an element to Hex 9BDE79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BDE79 }
```

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

```
.background{ background-color:#9BDE79 }
```

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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