

# Converting Colors

Hex(9BE96A)

Have a look what the booklet for  
Hex(9BE96A) contains.

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**Color**

**Hex(9BE96A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9BE96A
RGB	155, 233, 106
RGB Percent	61%, 91%, 42%
CMY	0.3922, 0.0863, 0.5843
CMYK	0.33, 0.00, 0.55, 0.09
HSL	97°, 74%, 66%
HSV	97°, 55%, 91%
XYZ	45.2580, 66.2870, 24.0450
YIQ	195.2000, -5.7210, -56.0330

# Conversions

## Conversions Part 2

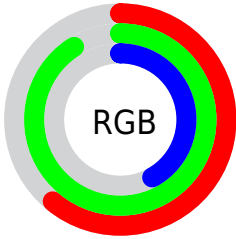
Format	Color
<a href="#">RYB</a>	<a href="#">106, 233, 184</a>
Decimal	<a href="#">10217834</a>
CIELab	<a href="#">85.14, -45.52, 53.50</a>
CIELCh	<a href="#">85, 70.240, 130.394</a>
Yxy	<a href="#">66.2870, 0.3338, 0.4889</a>
Android (android.graphics.Color)	<a href="#">4288407914 (0xFF9BE96A)</a>
YUV	<a href="#">195.2000, -43.9756, -35.2554</a>
Hunter-Lab	<a href="#">81.4168, -43.2548, 39.4815</a>

# Details

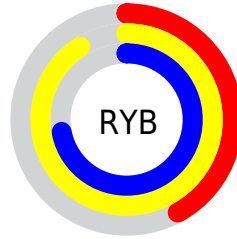
The Hex color **9BE96A** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **B86AE9**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **D5FFA0**, and **63B134** is the 20% darker color. If you saturate the color by 10%, you get **8DE953**, and if you desaturate by 10%, it is **A9E981**.

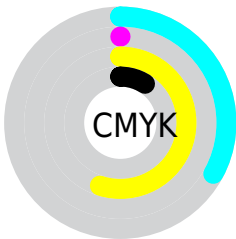
# Distribution



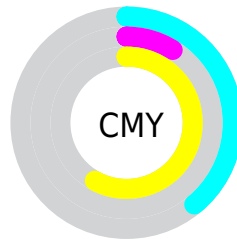
- Red (61%)
- Green (91%)
- Blue (42%)



- Red (42%)
- Yellow (91%)
- Blue (72%)



- Cyan (33%)
- Magenta (0%)
- Yellow (55%)
- Black (9%)



- Cyan (39%)
- Magenta (9%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BE96A 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 9BE96A by changing the saturation by 10% instead.



 9BE96A

 9BE96A

FFFFFF

 7FCD4F

 D5FFA0

 63B134

 F2FFBC

 469616

 FFFFD9

 287B00

 FFFFF6

 006200

 004900

 003200

 001B00

 000000

 9BE96A

 9BE96A

 8DE953

 A9E981

 7EE93B

 B8E999

 70E924

 C6E9B0

 62E90D

 D4E9C7

 5AE900

 E3E9DF

 F1E9F6

 FFE9FF

# Harmonies

## Analogous

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



E3D948



9BE96A



00F2A6

# Triad

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



9BE96A



00E8FF



FF99C0

# Complementary

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



9BE96A



B86AE9

# 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.



FFA1FF



9BE96A



83D4FF

# Square

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



9BE96A



00F2FF



F7B9FF



FFA882

# Rectangle

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



9BE96A



00F5D3



F7B9FF



FF99D7

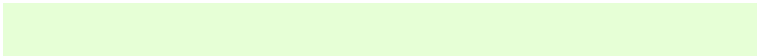


# Sweetspot

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



9BE96A



E6FFD6



E9B66A



718067



000000



808080



# Same Dimension

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



9BE96A



99FF59



6AE977



6E756A



46B500



153600



# Inverse Universe

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



B86AE9



BF59FF



E96ADC



716A75



6F00B5

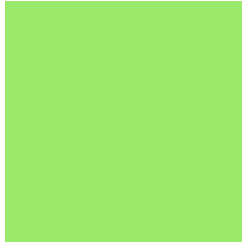


210036



# Previews

## White Background



This preview shows how the Hex color 9BE96A looks on a white background.

## Color Contrast Check

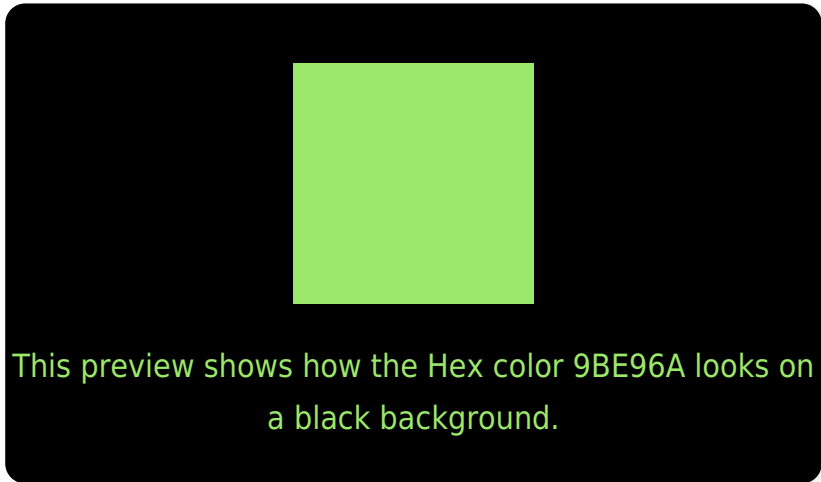
Large Text (above 18pt) WCAG AA × Fail

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 9BE96A Background



This preview shows how black text looks on a background with the Hex color 9BE96A.

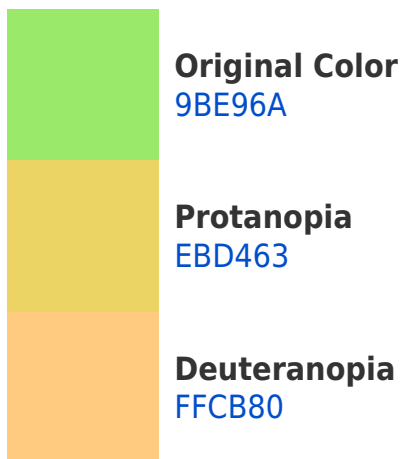


This preview shows how white text looks on a background with the Hex color 9BE96A.

# Color Blindness Simulation

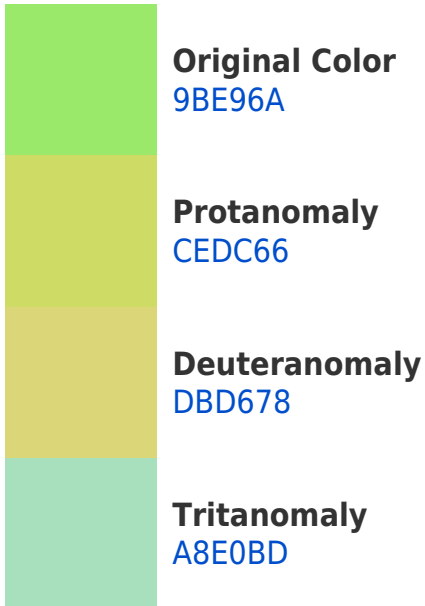
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

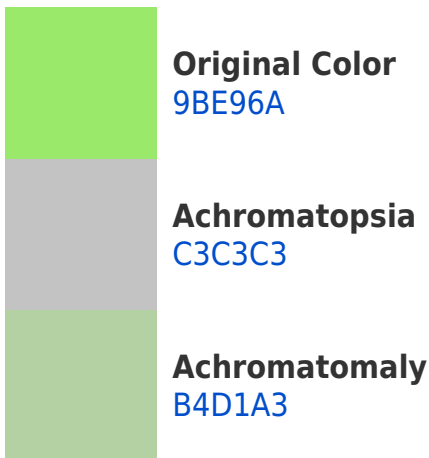




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BE96A 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 #9BE96A looks like.

```
.text, #text, p{  
    color:#9BE96A  
}
```

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 #9BE96A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BE96A
}
```

## Border

The CSS property to change the border of an element to Hex 9BE96A 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
#9BE96A }
```

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

```
.border{ border-color:#9BE96A }
```

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

Here you see how a box with a 4 pixel #9BE96A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BE96A; -webkit-box-shadow:4px 4px  
4px 4px #9BE96A; box-shadow:4px 4px 4px  
4px #9BE96A }
```

# Background

The CSS property to change the background color of an element to Hex 9BE96A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BE96A }
```

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

```
.background{ background-color:#9BE96A }
```

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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