

# Converting Colors

Hex(9DAE59)

Have a look what the booklet for  
Hex(9DAE59) contains.

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**Color**

**Hex(9DAE59)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DAE59
RGB	157, 174, 89
RGB Percent	62%, 68%, 35%
CMY	0.3843, 0.3176, 0.6510
CMYK	0.10, 0.00, 0.49, 0.32
HSL	72°, 34%, 52%
HSV	72°, 49%, 68%
XYZ	30.8439, 38.1615, 15.1915
YIQ	159.2270, 17.1530, -30.0390

# Conversions

## Conversions Part 2

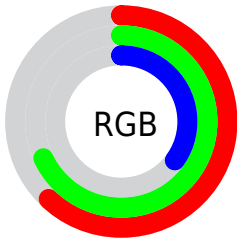
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 174, 106
Decimal	10333785
CIELab	68.14, -19.08, 41.34
CIELCh	68, 45.526, 114.771
Yxy	38.1615, 0.3663, 0.4532
Android (android.graphics.Color)	4288523865 (0xFF9DAE59)
YUV	159.2270, -34.6219, -1.9531
Hunter-Lab	61.7750, -18.9823, 28.6621

# Details

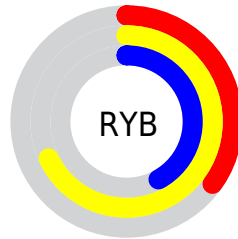
The Hex color **9DAE59** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6A59AE**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **D5E58D**, and **687A27** is the 20% darker color. If you saturate the color by 10%, you get **9AAE48**, and if you desaturate by 10%, it is **A0AE6A**.

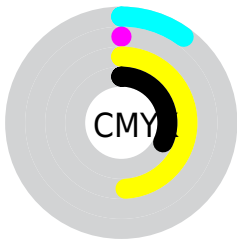
# Distribution



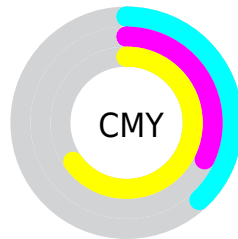
- Red (62%)
- Green (68%)
- Blue (35%)



- Red (35%)
- Yellow (68%)
- Blue (42%)



- Cyan (10%)
- Magenta (0%)
- Yellow (49%)
- Black (32%)



- Cyan (38%)
- Magenta (32%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DAE59 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 9DAE59 by changing the saturation by 10% instead.





9DAE59



9DAE59

FFFFFF



829340



D5E58D



687A27



F2FFA8



4E610C



FFFFC4



364900



FFFFE0



1D3200

FFFFFFD



001E00



000000



9DAE59



9DAE59



9AAE48



A0AE6A

96AE36

A4AE7C

93AE25

A7AE8D

8FAE13

ABAE9F

8CAE02

AEAEB0

8BAE00

B2AEC1

B5AED3

B9AEE4

BCAEF6

# Harmonies

## Analogous

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



C6A153



9DAE59



6CB775

# Triad

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



9DAE59



00B6E8



EF85AF

# Complementary

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



9DAE59



6A59AE

# 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.



D28FD6



9DAE59



50ADF8

# Square

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



9DAE59



00BBC7



9F9EF1



F48786

# Rectangle

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



9DAE59



40BA8F



9F9EF1



E887BD



# Sweetspot

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



9DAE59



DCE3C1



AE6A59



6F735E



F2F2F2



737373



# Same Dimension

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



9DAE59



C8E35D



73AE59



55574E



789600



121700



# Inverse Universe

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



6A59AE



785DE3



9559AE



504E57



1E0096



050017



# Previews

## White Background



This preview shows how the Hex color 9DAE59 looks on a white background.

## Color Contrast Check

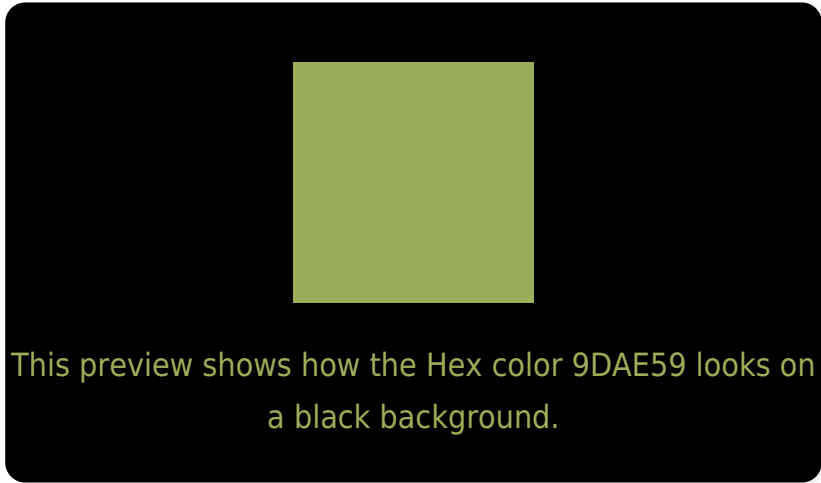
Large Text (above 18pt) WCAG AA × Fail

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

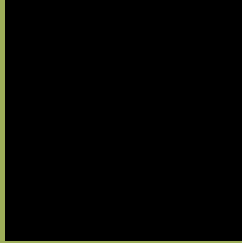
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9DAE59 Background



This preview shows how black text looks on a background with the Hex color 9DAE59.

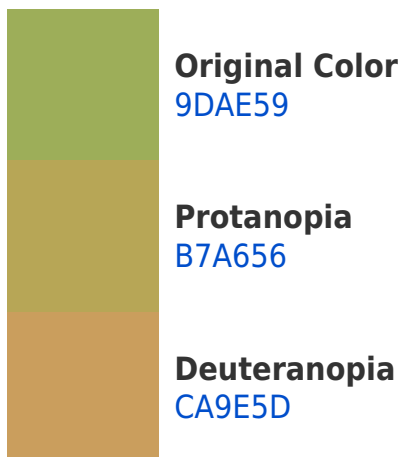


This preview shows how white text looks on a background with the Hex color 9DAE59.

# 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](#).

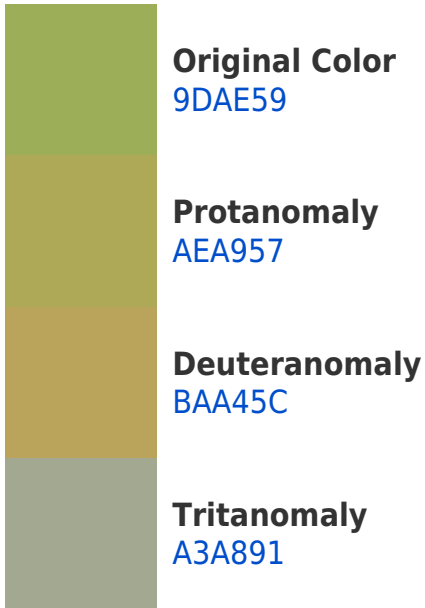
## Dichromacy



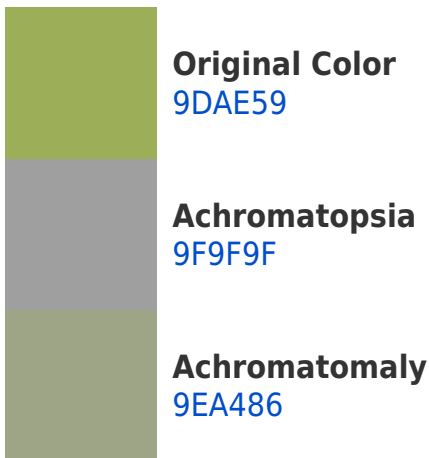


**Tritanopia**  
A7A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DAE59 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 #9DAE59 looks like.

```
.text, #text, p{  
    color:#9DAE59  
}
```

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 #9DAE59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DAE59
}
```

## Border

The CSS property to change the border of an element to Hex 9DAE59 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
#9DAE59 }
```

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

```
.border{ border-color:#9DAE59 }
```

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

Here you see how a box with a 4 pixel #9DAE59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DAE59; -webkit-box-shadow:4px 4px  
4px 4px #9DAE59; box-shadow:4px 4px 4px  
4px #9DAE59 }
```

# Background

The CSS property to change the background color of an element to Hex 9DAE59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DAE59 }
```

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

```
.background{ background-color:#9DAE59 }
```

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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