

# Converting Colors

Hex(9BAD37)

Have a look what the booklet for  
Hex(9BAD37) contains.

<b>Hex(9BAD37)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(9BAD37)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BAD37
RGB	155, 173, 55
RGB Percent	61%, 68%, 22%
CMY	0.3922, 0.3216, 0.7843
CMYK	0.10, 0.00, 0.68, 0.32
HSL	69°, 52%, 45%
HSV	69°, 68%, 68%
XYZ	29.1507, 37.1315, 9.2451
YIQ	154.1660, 27.1500, -40.5140

# Conversions

## Conversions Part 2

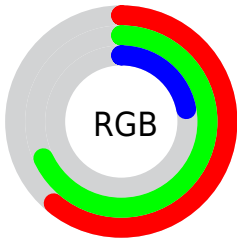
Format	Color
<a href="#">RYB</a>	<a href="#">55, 173, 73</a>
Decimal	<a href="#">10202423</a>
CIELab	<a href="#">67.38, -22.19, 55.85</a>
CIElCh	<a href="#">67, 60.092, 111.669</a>
Yxy	<a href="#">37.1315, 0.3860, 0.4916</a>
Android (android.graphics.Color)	<a href="#">4288392503 (0xFF9BAD37)</a>
YUV	<a href="#">154.1660, -48.8888, 0.7314</a>
Hunter-Lab	<a href="#">60.9357, -21.2456, 33.6595</a>

# Details

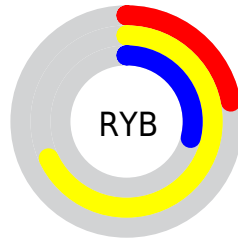
The Hex color **9BAD37** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4937AD**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **D4E46D**, and **647900** is the 20% darker color. If you saturate the color by 10%, you get **98AD26**, and if you desaturate by 10%, it is **9EAD48**.

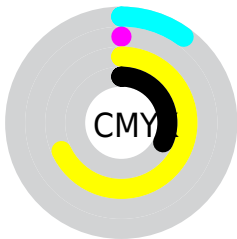
# Distribution



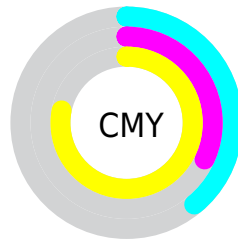
- Red (61%)
- Green (68%)
- Blue (22%)



- Red (22%)
- Yellow (68%)
- Blue (29%)



- Cyan (10%)
- Magenta (0%)
- Yellow (68%)
- Black (32%)



- Cyan (39%)
- Magenta (32%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BAD37 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 9BAD37 by changing the saturation by 10% instead.



 9BAD37

 9BAD37

FFFFFF

 7F9219

 D4E46D

 647900

 F1FF87

 4A6000

 FFFFA3

 304800

 FFFFBF

 163200

 FFFFDC

 001E00

 FFFFF9

 000000

 9BAD37

 9BAD37

 98AD26

 9EAD48

■ 96AD14

■ A0AD5A

■ 93AD03

■ A3AD6B

■ 93AD00

■ A6AD7C

■ A8AD8E

■ ABAD9F

■ ADADB0

■ B0ADC1

■ B3ADD3

# Harmonies

## Analogous

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



CE9C32



9BAD37



58B85E

# Triad

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



9BAD37



00BAF8



FF74B6

# Complementary

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



9BAD37



4937AD

# 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.



D785E8



9BAD37



00AFFF

# Square

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



9BAD37



00BECA



8B9CFF



FF757F

# Rectangle

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



9BAD37



00BC80



8B9CFF



F578C7



# Sweetspot

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



9BAD37



DAE0B4



AD4937



6C7055



F0F0F0



707070



# Same Dimension

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



9BAD37



C4E028



60AD37



55574E



7F9600



131700



# Inverse Universe

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



4937AD



4428E0



8437AD



4F4E57



170096



040017



# Previews

## White Background



This preview shows how the Hex color 9BAD37 looks on a white background.

## Color Contrast Check

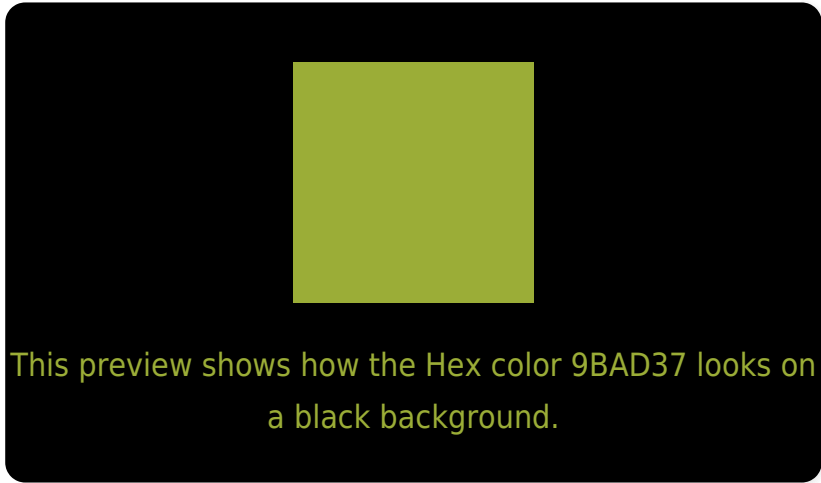
Large Text (above 18pt) WCAG AA × Fail

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 9BAD37 Background



This preview shows how black text looks on a background with the Hex color 9BAD37.



This preview shows how white text looks on a background with the Hex color 9BAD37.

# 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



**Original Color**  
9BAD37

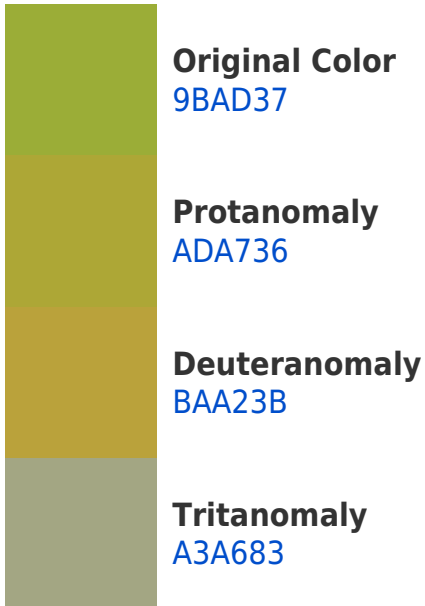
**Protanopia**  
B7A435

**Deuteranopia**  
CC9C3D

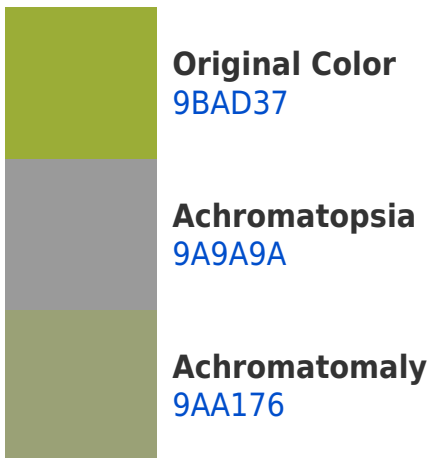


**Tritanopia**  
A7A2AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BAD37 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 #9BAD37 looks like.

```
.text, #text, p{  
    color:#9BAD37  
}
```

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 #9BAD37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BAD37
}
```

## Border

The CSS property to change the border of an element to Hex 9BAD37 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
#9BAD37 }
```

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

```
.border{ border-color:#9BAD37 }
```

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

Here you see how a box with a 4 pixel #9BAD37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BAD37; -webkit-box-shadow:4px 4px  
4px 4px #9BAD37; box-shadow:4px 4px 4px  
4px #9BAD37 }
```

# Background

The CSS property to change the background color of an element to Hex 9BAD37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BAD37 }
```

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

```
.background{ background-color:#9BAD37 }
```

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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