

# Converting Colors

Hex(96B33B)

Have a look what the booklet for  
Hex(96B33B) contains.

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**Color**

**Hex(96B33B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96B33B
RGB	150, 179, 59
RGB Percent	59%, 70%, 23%
CMY	0.4118, 0.2980, 0.7686
CMYK	0.16, 0.00, 0.67, 0.30
HSL	74°, 50%, 47%
HSV	74°, 67%, 70%
XYZ	29.4872, 39.0400, 10.1190
YIQ	156.6490, 21.2360, -43.4680

# Conversions

## Conversions Part 2

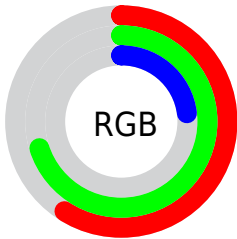
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 179, 88
Decimal	9876283
CIELab	68.78, -26.95, 55.58
CIELCh	69, 61.770, 115.868
Yxy	39.0400, 0.3749, 0.4964
Android (android.graphics.Color)	4288066363 (0xFF96B33B)
YUV	156.6490, -48.1410, -5.8312
Hunter-Lab	62.4820, -25.1038, 34.1353

# Details

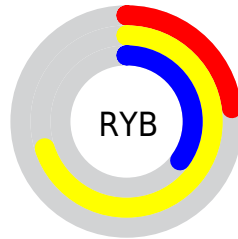
The Hex color **96B33B** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **583BB3**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **CFEB71**, and **607E00** is the 20% darker color. If you saturate the color by 10%, you get **92B329**, and if you desaturate by 10%, it is **9AB34D**.

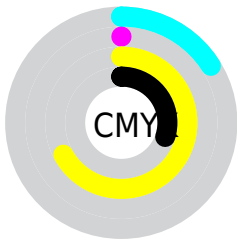
# Distribution



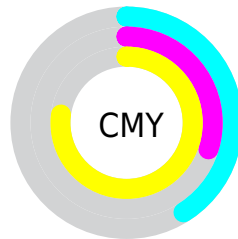
- Red (59%)
- Green (70%)
- Blue (23%)



- Red (23%)
- Yellow (70%)
- Blue (35%)



- Cyan (16%)
- Magenta (0%)
- Yellow (67%)
- Black (30%)



- Cyan (41%)
- Magenta (30%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96B33B 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 96B33B by changing the saturation by 10% instead.



 96B33B

 96B33B

FFFFFF

 7B981E

 CFEB71

 607E00

 ECFF8C

 456500

 FFFFA7

 2B4D00

 FFFFC3

 0E3600

 FFFFEO

 002200

FFFFFFD

 000000

 96B33B

 96B33B

 92B329

 9AB34D

 8DB317

 9FB35F

 89B305

 A3B371

 88B300

 A7B383

 ACB395

 B0B3A6

 B4B3B8

 B9B3CA

 BDB3DC

# Harmonies

## Analogous

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



CCA22F



96B33B



4BBD66

# Triad

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



96B33B



00BDFE



FF5B2E

# Complementary

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



96B33B



583BB3

# 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.



E585E7



96B33B



00B0FF

# Square

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



96B33B



00C2D7



9C9CFF



FF797A

# Rectangle

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



96B33B



00C18B



9C9CFF



FF78C5



# Sweetspot

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



96B33B



DDE8BA



B3573B



6E7559



F5F5F5



757575



# Same Dimension

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



96B33B



BBE82E



5BB33B



575950



749900



131A00



# Inverse Universe

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



583BB3



5B2EE8



933BB3



525059



250099



06001A



# Previews

## White Background



This preview shows how the Hex color 96B33B looks on a white background.

## Color Contrast Check

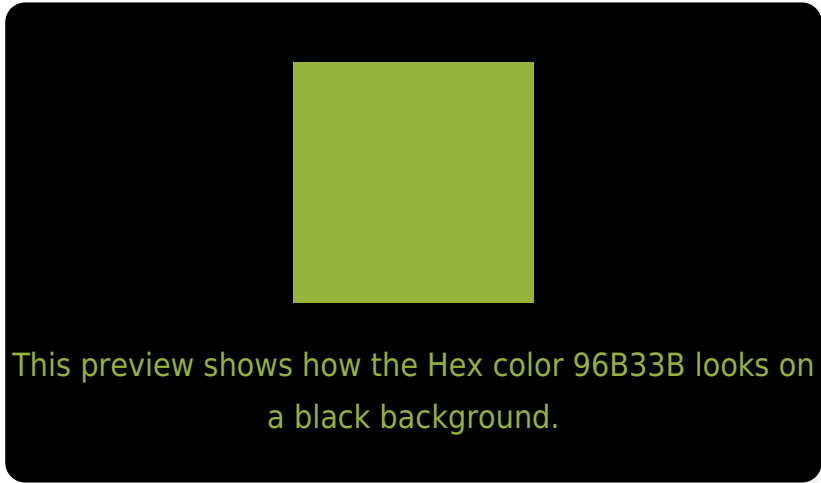
Large Text (above 18pt) WCAG AA × Fail

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 96B33B Background



This preview shows how black text looks on a background with the Hex color 96B33B.

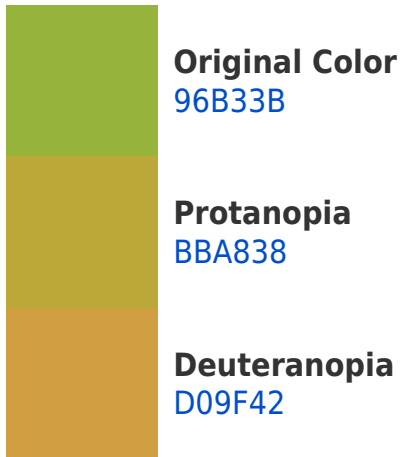


This preview shows how white text looks on a background with the Hex color 96B33B.

# 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](#).

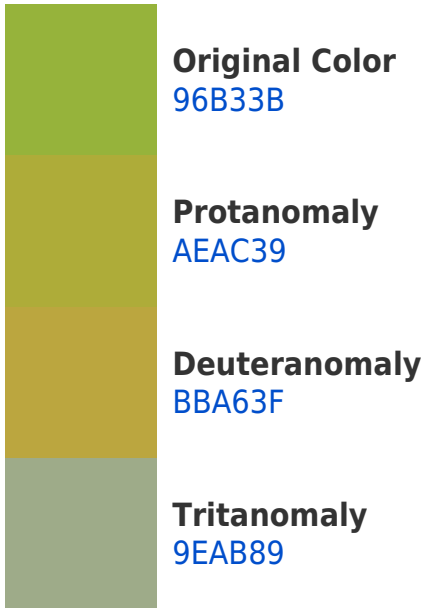
## Dichromacy



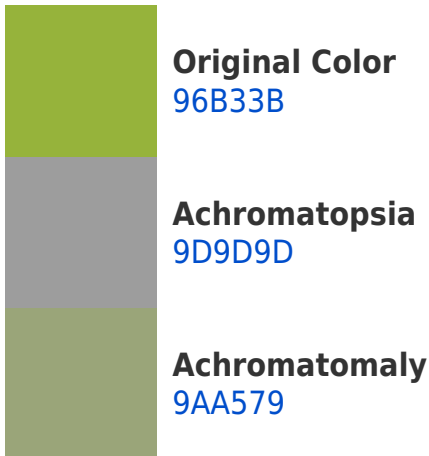


**Tritanopia**  
A3A7B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96B33B 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 #96B33B looks like.

```
.text, #text, p{  
    color:#96B33B  
}
```

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 #96B33B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96B33B
}
```

## Border

The CSS property to change the border of an element to Hex 96B33B 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
#96B33B }
```

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

```
.border{ border-color:#96B33B }
```

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

Here you see how a box with a 4 pixel #96B33B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96B33B; -webkit-box-shadow:4px 4px  
4px 4px #96B33B; box-shadow:4px 4px 4px  
4px #96B33B }
```

# Background

The CSS property to change the background color of an element to Hex 96B33B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96B33B }
```

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

```
.background{ background-color:#96B33B }
```

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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