

# Converting Colors

Hex(3B934B)

Have a look what the booklet for  
Hex(3B934B) contains.

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**Color**

**Hex(3B934B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B934B
RGB	59, 147, 75
RGB Percent	23%, 58%, 29%
CMY	0.7686, 0.4235, 0.7059
CMYK	0.60, 0.00, 0.49, 0.42
HSL	131°, 43%, 40%
HSV	131°, 60%, 58%
XYZ	13.5074, 22.3052, 10.2500
YIQ	112.4800, -29.3360, -41.0480

# Conversions

## Conversions Part 2

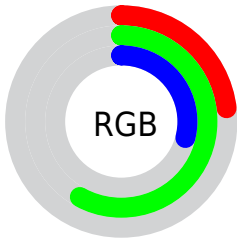
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 133, 147
Decimal	3904331
CIELab	54.35, -42.31, 30.31
CIElCh	54, 52.044, 144.380
Yxy	22.3052, 0.2932, 0.4842
Android (android.graphics.Color)	4282094411 (0xFF3B934B)
YUV	112.4800, -18.4776, -46.9020
Hunter-Lab	47.2284, -31.5987, 20.1921




# Details

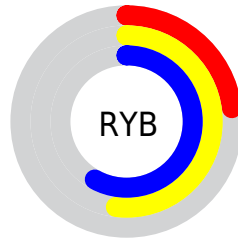
The Hex color **3B934B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **933B83**, and the grayscale version is **717171**.




A 20% lighter version of the original color is **73CA7D**, and **005F1C** is the 20% darker color. If you saturate the color by 10%, you get **2C933F**, and if you desaturate by 10%, it is **4A9357**.

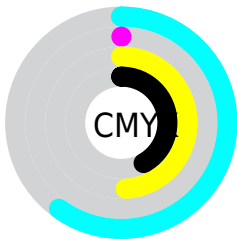
# Distribution







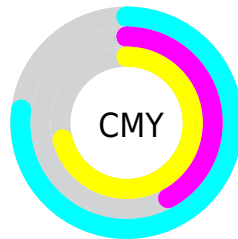
-  Red (23%)
-  Green (58%)
-  Blue (29%)






-  Red (23%)
-  Yellow (52%)
-  Blue (58%)



-  Cyan (60%)
-  Magenta (0%)
-  Yellow (49%)
-  Black (42%)



-  Cyan (77%)
-  Magenta (42%)
-  Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B934B 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 3B934B by changing the saturation by 10% instead.





3B934B



3B934B

FFFFFF



1B7933



73CA7D



005F1C



8EE697



004703



AAFFB2



002F00



C7FFCE



001800



E4FFEB



000000



3B934B



3B934B



2C933F



4A9357



1E9333



589363

 0F9327

 67936F

 00931B

 76937B

 849387

 939393

 A2939F

 B193AB

 BF93B7

# Harmonies

## Analogous

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



768A29



3B934B



009778

# Triad

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



3B934B



008ADB



D35C60

# Complementary

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



3B934B



933B83

# 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.



CF598C



3B934B



747AD4

# Square

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



3B934B



0093CA



B166B7



C26B39

# Rectangle

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



3B934B



009897



B166B7



D4596E



# Sweetspot

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



3B934B



9DBFA3



84933B



4C614F



E0E0E0



616161



# Same Dimension

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



3B934B



36BF4F



3B9376



434A44



008A19



000A02



# Inverse Universe

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



933B83



BF36A6



933B58



4A4349



8A0071



0A0008



# Previews

## White Background



This preview shows how the Hex color 3B934B looks on a white background.

## Color Contrast Check

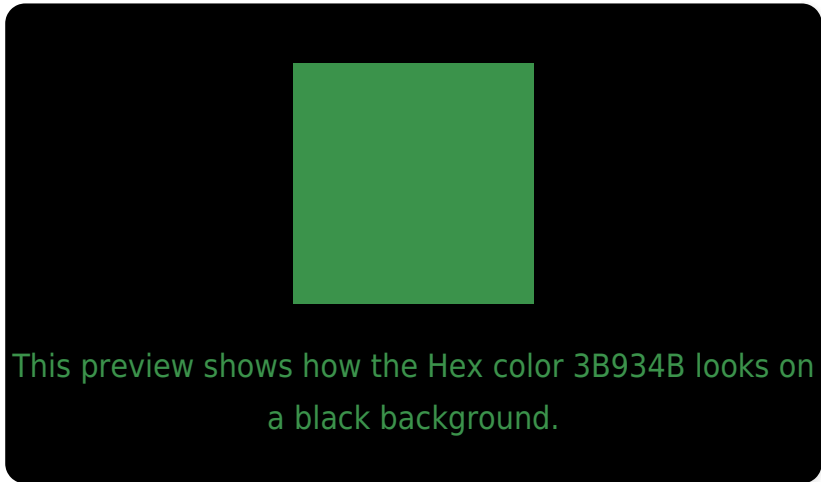
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex 3B934B Background



This preview shows how black text looks on a background with the Hex color 3B934B.



This preview shows how white text looks on a background with the Hex color 3B934B.

# 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**  
3B934B

**Protanopia**  
8E8145

**Deuteranopia**  
9C7B51

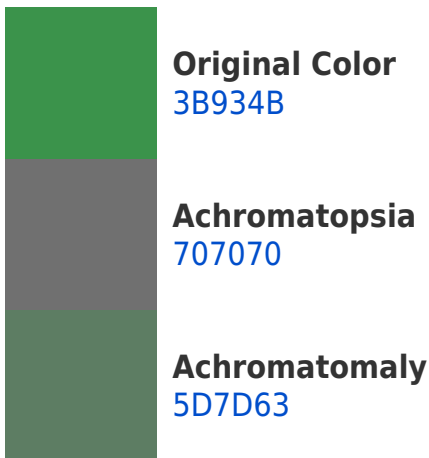


**Tritanopia**  
4F8B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B934B 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 #3B934B looks like.

```
.text, #text, p{  
    color:#3B934B  
}
```

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 #3B934B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B934B
}
```

## Border

The CSS property to change the border of an element to Hex 3B934B 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
#3B934B }
```

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

```
.border{ border-color:#3B934B }
```

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

Here you see how a box with a 4 pixel #3B934B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B934B; -webkit-box-shadow:4px 4px  
4px 4px #3B934B; box-shadow:4px 4px 4px  
4px #3B934B }
```

# Background

The CSS property to change the background color of an element to Hex 3B934B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B934B }
```

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

```
.background{ background-color:#3B934B }
```

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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