

# Converting Colors

Hex(349834)

Have a look what the booklet for  
Hex(349834) contains.

<b>Hex(349834)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(349834)**

# Conversions

## Conversions Part 1

Format	Color
Hex	349834
RGB	52, 152, 52
RGB Percent	20%, 60%, 20%
CMY	0.7961, 0.4039, 0.7961
CMYK	0.66, 0.00, 0.66, 0.40
HSL	120°, 49%, 40%
HSV	120°, 66%, 60%
XYZ	13.2642, 23.4345, 7.0730
YIQ	110.7000, -27.5000, -52.3000

# Conversions

## Conversions Part 2

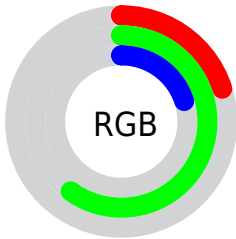
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 152, 152
Decimal	3446836
CIELab	55.52, -48.91, 42.91
CIElCh	56, 65.066, 138.743
Yxy	23.4345, 0.3030, 0.5354
Android (android.graphics.Color)	4281636916 (0xFF349834)
YUV	110.7000, -28.9391, -51.4799
Hunter-Lab	48.4092, -35.8065, 25.2236

# Details

The Hex color **349834** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **983498**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **6FCF67**, and **006400** is the 20% darker color. If you saturate the color by 10%, you get **259825**, and if you desaturate by 10%, it is **439843**.

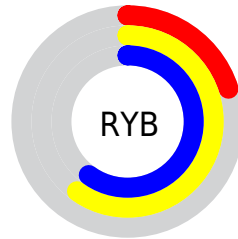
# Distribution



Red (20%)

Green (60%)

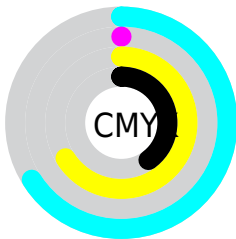
Blue (20%)



Red (20%)

Yellow (60%)

Blue (60%)

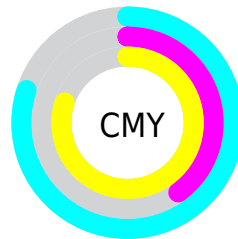


Cyan (66%)

Magenta (0%)

Yellow (66%)

Black (40%)



Cyan (80%)

Magenta (40%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 349834 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 349834 by changing the saturation by 10% instead.



 349834

 349834

FFFFFF

 097D1A

 6FCF67

 006400

 8BEC81

 004B00

 A8FF9C

 003300

 C5FFB7

 001C00

 E2FFD4

 000000

 FFFFF0

 349834


 349834

 259825

 439843

 169816

 529852

 069806

 629862

 009800

 719871

 809880

 8F988F

 9E989E

 AE98AE

 BD98BD

# Harmonies

## Analogous

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



7E8D00



349834



009E6D

# Triad

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



349834



0092F4



E94C64

# Complementary

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



349834



983498

# 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.



DF4D9D



349834



547FF1

# Square

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



349834



009CD9



B365D0



D76230

# Rectangle

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



349834



009F94



B365D0



E94977



# Sweetspot

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



349834



9DC49D



989834



4C634C



E3E3E3



636363



# Same Dimension

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



349834



29C429



349866



454D45



008C00



000D00



# Inverse Universe

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



983498



C429C4



983466



4D454D



8C008C



0D000D



# Previews

## White Background



This preview shows how the Hex color 349834 looks on a white background.

## Color Contrast Check

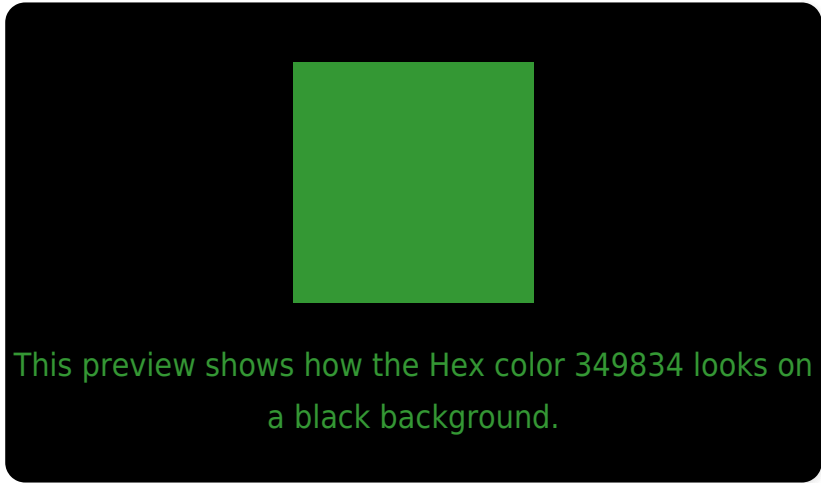
Large Text (above 18pt) WCAG AA ✓ Pass

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

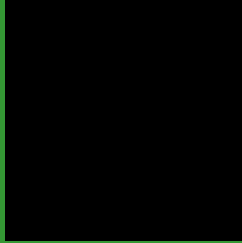
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 349834 Background



This preview shows how black text looks on a background with the Hex color 349834.



This preview shows how white text looks on a background with the Hex color 349834.

# 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**  
4E8E9A

# Trichromacy



**Original Color**

349834



**Protanomaly**

718B31



**Deuteranomaly**

7B8739



**Tritanomaly**

459275

# Monochromacy



**Original Color**

349834



**Achromatopsia**

6F6F6F



**Achromatomaly**

5A7E5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 349834 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 #349834 looks like.

```
.text, #text, p{  
    color:#349834  
}
```

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 #349834 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #349834
}
```

## Border

The CSS property to change the border of an element to Hex 349834 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
#349834 }
```

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

```
.border{ border-color:#349834 }
```

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

Here you see how a box with a 4 pixel #349834 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #349834; -webkit-box-shadow:4px 4px  
4px 4px #349834; box-shadow:4px 4px 4px  
4px #349834 }
```

# Background

The CSS property to change the background color of an element to Hex 349834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#349834 }
```

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

```
.background{ background-color:#349834 }
```

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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