

# Converting Colors

Hex(3CC319)

Have a look what the booklet for  
Hex(3CC319) contains.

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**Color**

**Hex(3CC319)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CC319
RGB	60, 195, 25
RGB Percent	24%, 76%, 10%
CMY	0.7647, 0.2353, 0.9020
CMYK	0.69, 0.00, 0.87, 0.24
HSL	108°, 77%, 43%
HSV	108°, 87%, 76%
XYZ	21.5541, 40.0611, 7.5162
YIQ	135.2550, -25.8900, -81.4900

# Conversions

## Conversions Part 2

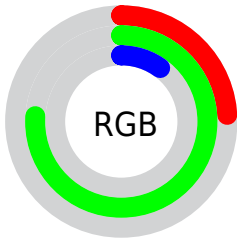
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 195, 160
Decimal	3982105
CIELab	69.51, -63.68, 65.39
CIELCh	70, 91.279, 134.241
Yxy	40.0611, 0.3118, 0.5795
Android (android.graphics.Color)	4282172185 (0xFF3CC319)
YUV	135.2550, -54.3557, -65.9986
Hunter-Lab	63.2938, -49.9778, 37.2649

# Details

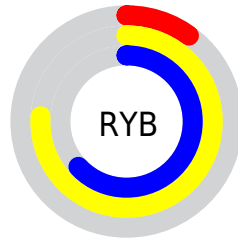
The Hex color **3CC319** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **A019C3**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **7EFD59**, and **008C00** is the 20% darker color. If you saturate the color by 10%, you get **2DC306**, and if you desaturate by 10%, it is **4BC32C**.

# Distribution



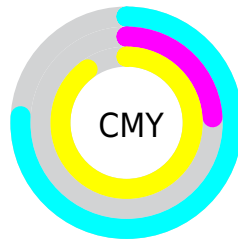
- Red (24%)
- Green (76%)
- Blue (10%)



- Red (10%)
- Yellow (76%)
- Blue (63%)



- Cyan (69%)
- Magenta (0%)
- Yellow (87%)
- Black (24%)



- Cyan (76%)
- Magenta (24%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3CC319 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 3CC319 by changing the saturation by 10% instead.



 3CC319

 3CC319

FFFFFF

 00A700

 7EFD59

 008C00

 9DFF75

 007100

 BBFF91

 005700

 DAFFAD

 003F00

 F8FFCA

 002700

 FFFFE7

 000000

 3CC319

 3CC319

 2DC306

 4BC32C

 28C300

 5BC340

 6AC353

 7AC367

 89C37A

 99C38E

 A8C3A1

 B8C3B5

 C7C3C8

# Harmonies

## Analogous

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



A8B200



3CC319



00CB7A

# Triad

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



3CC319



00C0FF



FF4586

# Complementary

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



3CC319



A019C3

# 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.



FF50D9



3CC319



00A7FF

# Square

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



3CC319



00CBFF



DD7FFF



FF6D36

# Rectangle

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



3CC319



00CEB4



DD7FFF



FF40A2

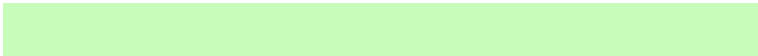


# Sweetspot

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



3CC319



C8FCBB



C39E19



608058



000000



808080



# Same Dimension

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



3CC319



34FC00



19C349



596157



21A100



072100



# Inverse Universe

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



A019C3



C800FC



C31993



5F5761



8000A1

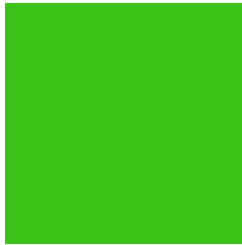


1A0021



# Previews

## White Background



This preview shows how the Hex color 3CC319 looks on a white background.

## Color Contrast Check

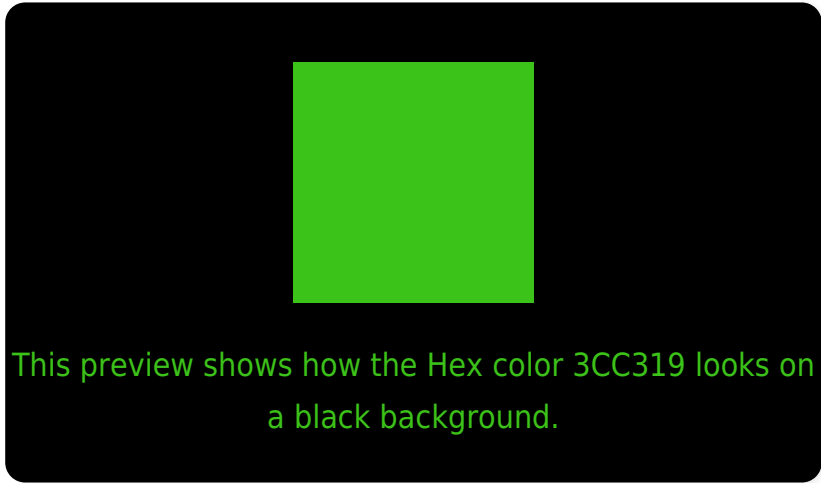
Large Text (above 18pt) WCAG AA × Fail

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 3CC319 Background



This preview shows how black text looks on a background with the Hex color 3CC319.

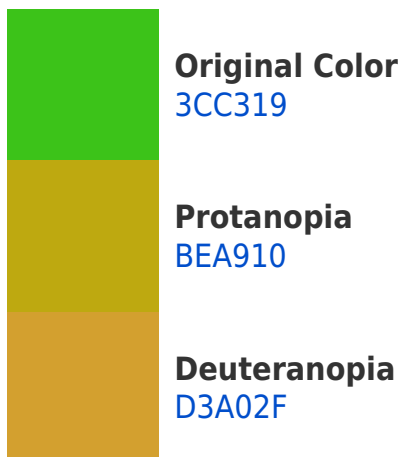


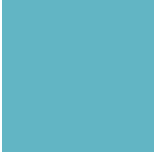
This preview shows how white text looks on a background with the Hex color 3CC319.

# 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**  
62B5C4

# Trichromacy



**Original Color**  
3CC319



**Protanomaly**  
8FB213



**Deuteranomaly**  
9CAD27



**Tritanomaly**  
54BA86

# Monochromacy



**Original Color**  
3CC319



**Achromatopsia**  
878787



**Achromatomaly**  
6C9D5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3CC319 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 #3CC319 looks like.

```
.text, #text, p{  
    color:#3CC319  
}
```

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 #3CC319 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CC319
}
```

## Border

The CSS property to change the border of an element to Hex 3CC319 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
#3CC319 }
```

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

```
.border{ border-color:#3CC319 }
```

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

Here you see how a box with a 4 pixel #3CC319 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CC319; -webkit-box-shadow:4px 4px  
4px 4px #3CC319; box-shadow:4px 4px 4px  
4px #3CC319 }
```

# Background

The CSS property to change the background color of an element to Hex 3CC319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CC319 }
```

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

```
.background{ background-color:#3CC319 }
```

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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