

# Converting Colors

Hex(96C939)

Have a look what the booklet for  
Hex(96C939) contains.

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**Color**

**Hex(96C939)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96C939
RGB	150, 201, 57
RGB Percent	59%, 79%, 22%
CMY	0.4118, 0.2118, 0.7765
CMYK	0.25, 0.00, 0.72, 0.21
HSL	81°, 57%, 51%
HSV	81°, 72%, 79%
XYZ	34.2028, 48.5527, 11.4398
YIQ	169.3350, 15.8280, -55.5960

# Conversions

## Conversions Part 2

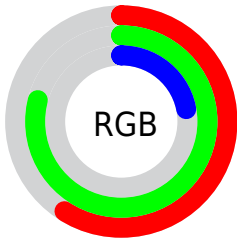
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 201, 108
Decimal	9881913
CIELab	75.17, -37.34, 62.82
CIELCh	75, 73.081, 120.729
Yxy	48.5527, 0.3631, 0.5154
Android (android.graphics.Color)	4288071993 (0xFF96C939)
YUV	169.3350, -55.3812, -16.9568
Hunter-Lab	69.6798, -34.3216, 39.0418

# Details

The Hex color **96C939** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **6C39C9**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **CFFF71**, and **5E9300** is the 20% darker color. If you saturate the color by 10%, you get **8FC925**, and if you desaturate by 10%, it is **9DC94D**.

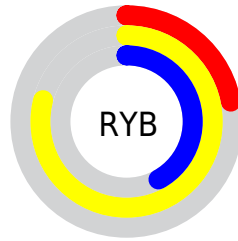
# Distribution



Red (59%)

Green (79%)

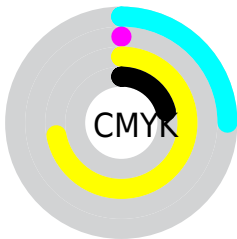
Blue (22%)



Red (22%)

Yellow (79%)

Blue (42%)

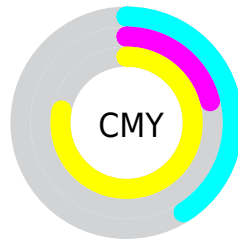


Cyan (25%)

Magenta (0%)

Yellow (72%)

Black (21%)



Cyan (41%)

Magenta (21%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96C939 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 96C939 by changing the saturation by 10% instead.



 96C939

 96C939

FFFFFF

 7AAD18

 CFFF71

 5E9300

 EDFF8D

 427900

 FFFFA9

 266000

 FFFF C5

 004700

 FFFF E2

 003000

 001B00

 000000

 96C939

 96C939

■ 8FC925

■ 9DC94D

■ 88C911

■ A4C961

■ 82C900

■ ABC975

■ B2C989

■ BAC99E

■ C1C9B2

■ C8C9C6

■ CFC9DA

■ D6C9EE

# Harmonies

## Analogous

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



DAB61D



96C939



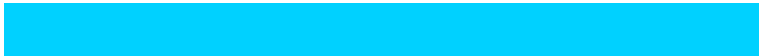
1CD474

# Triad

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



96C939



00D1FF



FF78BA

# Complementary

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



96C939



6C39C9

# 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.



FF89FC



96C939



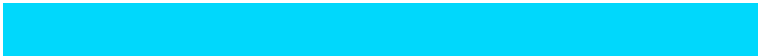
00C0FF

# Square

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



96C939



00D8FC



BBA6FF



FF8278

# Rectangle

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



96C939



00D8A1



BBA6FF



FF7BD1

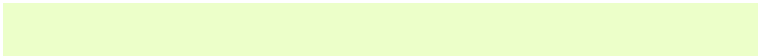


# Sweetspot

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



96C939



ECFFC9



C96B39



748060



000000



808080



# Same Dimension

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



96C939



B1FF24



4FC939



60635A



69A300



172400



# Inverse Universe

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



6C39C9



7124FF



B339C9



5D5A63



3A00A3



0D0024



# Previews

## White Background



This preview shows how the Hex color 96C939 looks on a white background.

## Color Contrast Check

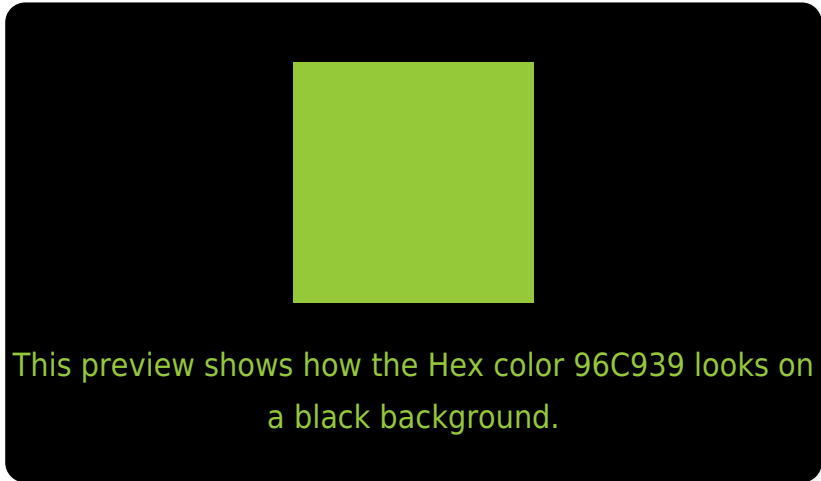
Large Text (above 18pt) WCAG AA × Fail

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 96C939 Background



This preview shows how black text looks on a background with the Hex color 96C939.

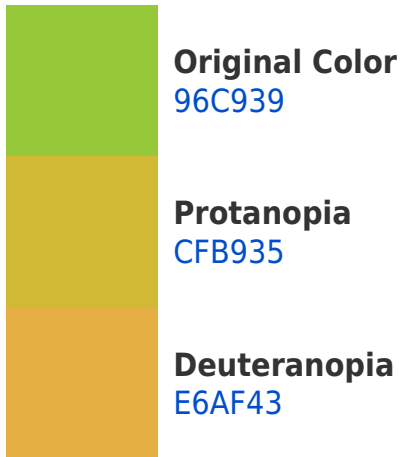


This preview shows how white text looks on a background with the Hex color 96C939.

# Color Blindness Simulation

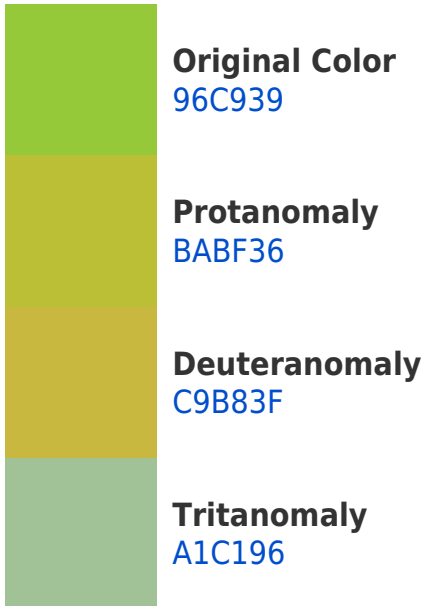
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

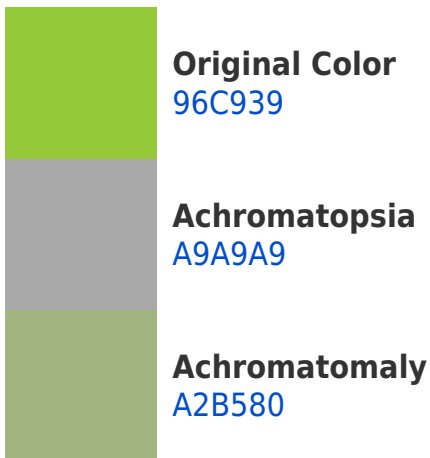




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96C939 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 #96C939 looks like.

```
.text, #text, p{  
    color:#96C939  
}
```

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 #96C939 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96C939
}
```

## Border

The CSS property to change the border of an element to Hex 96C939 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
#96C939 }
```

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

```
.border{ border-color:#96C939 }
```

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

Here you see how a box with a 4 pixel #96C939 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96C939; -webkit-box-shadow:4px 4px  
4px 4px #96C939; box-shadow:4px 4px 4px  
4px #96C939 }
```

# Background

The CSS property to change the background color of an element to Hex 96C939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96C939 }
```

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

```
.background{ background-color:#96C939 }
```

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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