

# Converting Colors

Hex(96CF4C)

Have a look what the booklet for  
Hex(96CF4C) contains.

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**Color**

**Hex(96CF4C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	96CF4C
RGB	150, 207, 76
RGB Percent	59%, 81%, 30%
CMY	0.4118, 0.1882, 0.7020
CMYK	0.28, 0.00, 0.63, 0.19
HSL	86°, 58%, 55%
HSV	86°, 63%, 81%
XYZ	36.1950, 51.6315, 14.8957
YIQ	175.0230, 8.0790, -52.8250

# Conversions

## Conversions Part 2

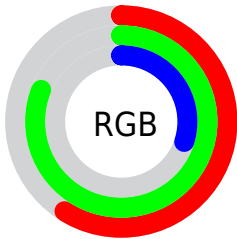
Format	Color
<a href="#">RYB</a>	<a href="#">76, 207, 133</a>
Decimal	<a href="#">9883468</a>
CIELab	<a href="#">77.06, -38.71, 57.39</a>
CIELCh	<a href="#">77, 69.226, 123.994</a>
Yxy	<a href="#">51.6315, 0.3524, 0.5026</a>
Android (android.graphics.Color)	<a href="#">4288073548 (0xFF96CF4C)</a>
YUV	<a href="#">175.0230, -48.8183, -21.9452</a>
Hunter-Lab	<a href="#">71.8550, -35.8319, 38.0076</a>

# Details

The Hex color **96CF4C** 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 **854CCF**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **CFFF82**, and **5F980E** is the 20% darker color. If you saturate the color by 10%, you get **8DCF37**, and if you desaturate by 10%, it is **9FCF61**.

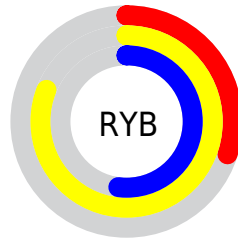
# Distribution



Red (59%)

Green (81%)

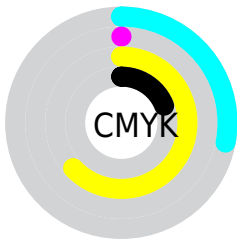
Blue (30%)



Red (30%)

Yellow (81%)

Blue (52%)

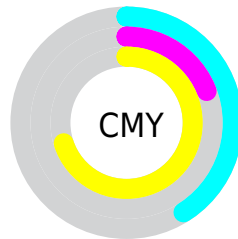


Cyan (28%)

Magenta (0%)

Yellow (63%)

Black (19%)



Cyan (41%)

Magenta (19%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96CF4C 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 96CF4C by changing the saturation by 10% instead.





96CF4C



96CF4C

FFFFFF



7AB330



CFFF82



5F980E



ECFF9E



437E00



FFFFBA



266500



FFFFD6



004C00



FFFFF3



003500



002000



000000



96CF4C



96CF4C

 8DCF37

 9FCF61

 84CF23

 A8CF75

 7BCF0E

 B1CF8A

 75CF00

 BACF9F

 C3CFB4

 CCCFC8

 D5CFDD

 DECF2

 E7CFFF

# Harmonies

## Analogous

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



D8BE31



96CF4C



22D983

# Triad

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



96CF4C



00D4FF



FF82B8

# Complementary

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



96CF4C



854CCF

# 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.



FF8FF8



96CF4C



34C3FF

# Square

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



96CF4C



00DCFF



CCAAFF



FF8E7A

# Rectangle

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



96CF4C



00DCAF



CCAAFF



FF84CE

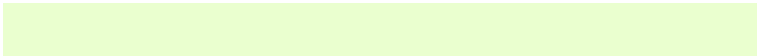


# Sweetspot

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



96CF4C



EAFFCF



CF854C



738062



000000



808080



# Same Dimension

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



96CF4C



ABFF3D



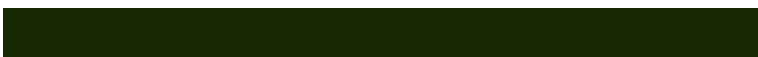
55CF4C



64695E



5FA800



172900



# Inverse Universe

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



854CCF



923DFF



C64CCF



635E69



4900A8



120029



# Previews

## White Background



This preview shows how the Hex color 96CF4C looks on a white background.

## Color Contrast Check

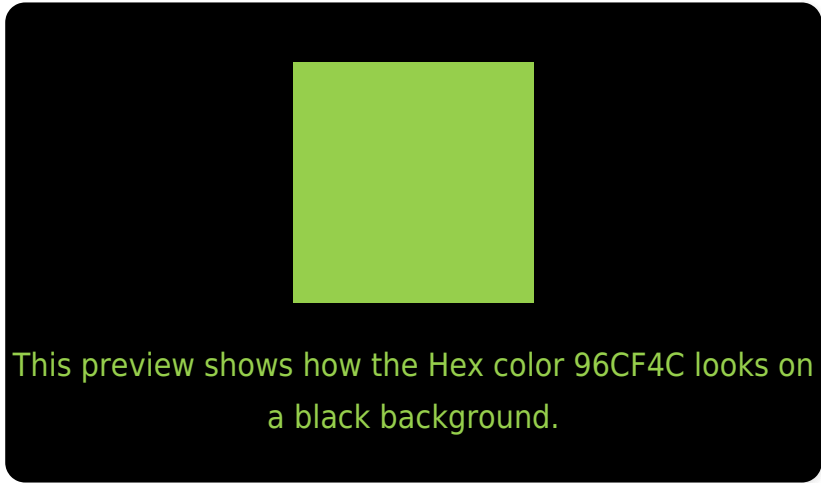
Large Text (above 18pt) WCAG AA × Fail

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 96CF4C Background



This preview shows how black text looks on a background with the Hex color 96CF4C.

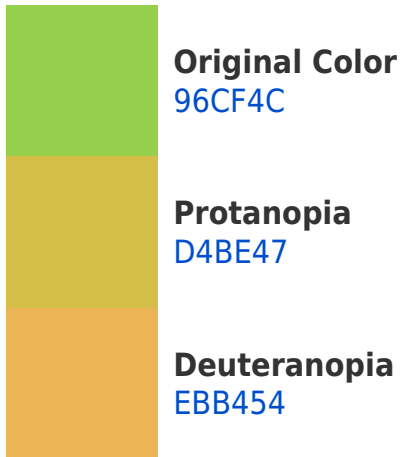


This preview shows how white text looks on a background with the Hex color 96CF4C.

# 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](#).

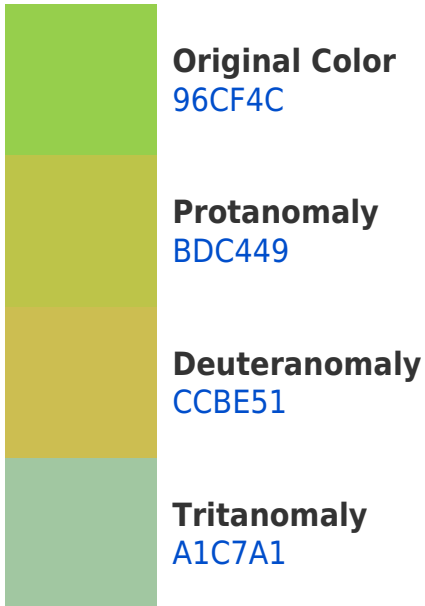
## Dichromacy



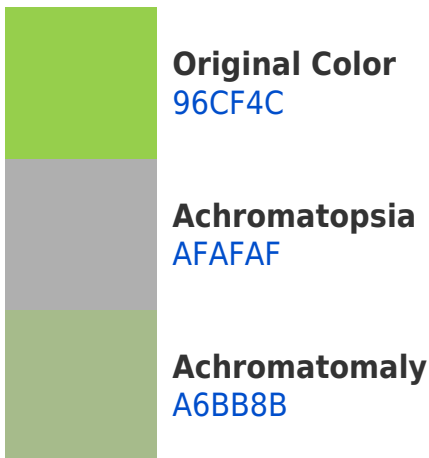


**Tritanopia**  
A8C2D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96CF4C 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 #96CF4C looks like.

```
.text, #text, p{  
    color:#96CF4C  
}
```

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 #96CF4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96CF4C }  
}
```

## Border

The CSS property to change the border of an element to Hex 96CF4C 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 #96CF4C }  
}
```

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

```
.border{ border-color:#96CF4C }
```

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

Here you see how a box with a 4 pixel #96CF4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96CF4C; -webkit-box-shadow:4px 4px  
4px 4px #96CF4C; box-shadow:4px 4px 4px  
4px #96CF4C }
```

# Background

The CSS property to change the background color of an element to Hex 96CF4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96CF4C }
```

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

```
.background{ background-color:#96CF4C }
```

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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