

# Converting Colors

Hex(99D900)

Have a look what the booklet for  
Hex(99D900) contains.

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**Color**

**Hex(99D900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99D900
RGB	153, 217, 0
RGB Percent	60%, 85%, 0%
CMY	0.4000, 0.1490, 1.0000
CMYK	0.29, 0.00, 1.00, 0.15
HSL	78°, 100%, 43%
HSV	78°, 100%, 85%
XYZ	37.9497, 56.3980, 8.8857
YIQ	173.1260, 31.5130, -81.0550

# Conversions

## Conversions Part 2

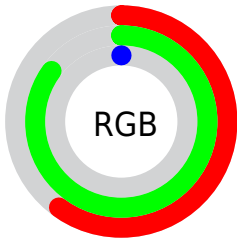
Format	Color
<a href="#">RYB</a>	0, 217, 64
Decimal	10082560
CIELab	79.84, -44.92, 78.49
CIELCh	80, 90.436, 119.784
Yxy	56.3980, 0.3676, 0.5463
Android (android.graphics.Color)	4288272640 (0xFF99D900)
YUV	173.1260, -85.3511, -17.6505
Hunter-Lab	75.0986, -41.2208, 45.5538

# Details

The Hex color **99D900** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **4000D9**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **D4FF56**, and **5EA200** is the 20% darker color. If you saturate the color by 10%, you get **99D900**, and if you desaturate by 10%, it is **9FD916**.

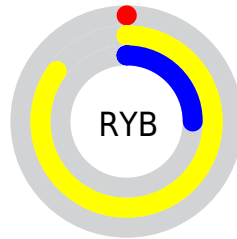
# Distribution



Red (60%)

Green (85%)

Blue (0%)



Red (0%)

Yellow (85%)

Blue (25%)

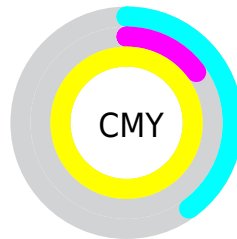


Cyan (29%)

Magenta (0%)

Yellow (100%)

Black (15%)



Cyan (40%)

Magenta (15%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99D900 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 99D900 by changing the saturation by 10% instead.



 99D900

 99D900

FFFFFF

 7CBD00

 D4FF56

 5EA200

 F2FF74

 418700

 FFFF91

 1F6D00

 FFFFFAE

 005400

 FFFFFCB

 003C00

 FFFFFE9

 002700

 000000

 99D900

 9FD916

 A6D92B

 ACD941

 B3D957

 B9D96D

 BFD982

 C6D998

 CCD9AE

 D3D9C3

# Harmonies

## Analogous

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



EDC200



99D900



00E66B

# Triad

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



99D900



00E4FF



FF6ACA

# Complementary

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



99D900



4000D9

# 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.



FF86FF



99D900



00D1FF

# Square

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



99D900



00EBFF



BFB0FF



FF7977

# Rectangle

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



99D900



00EAA5



BFB0FF



FF6FE7

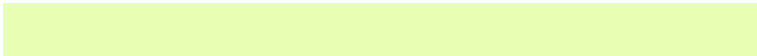


# Sweetspot

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



99D900



E8FFB3



D93D00



728052



000000



808080



# Same Dimension

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



99D900



B4FF00



2FD900



6A6E63



7AAD00



202E00



# Inverse Universe

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



4000D9



4B00FF



AA00D9



66636E



3300AD



0E002E



# Previews

## White Background



This preview shows how the Hex color 99D900 looks on a white background.

## Color Contrast Check

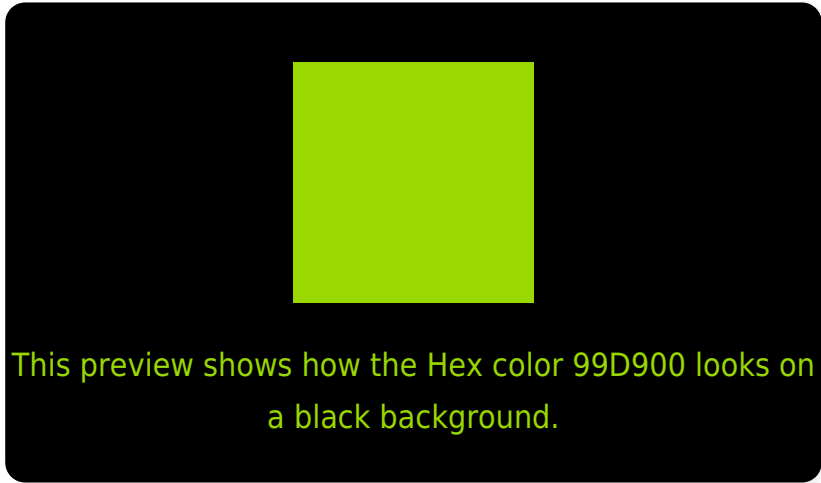
Large Text (above 18pt) WCAG AA × Fail

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 99D900 Background



This preview shows how black text looks on a background with the Hex color 99D900.



This preview shows how white text looks on a background with the Hex color 99D900.

# 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



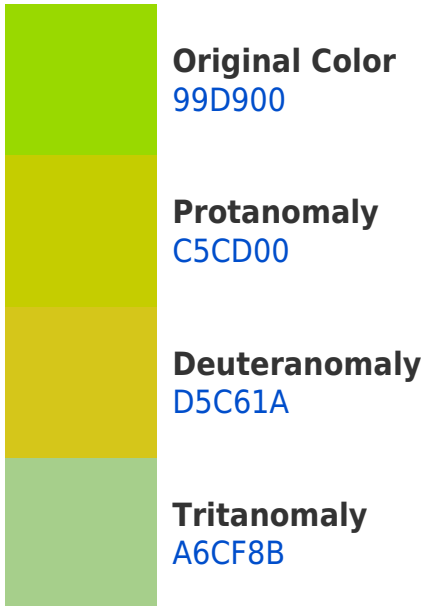
**Original Color**  
99D900

**Protanopia**  
DEC600

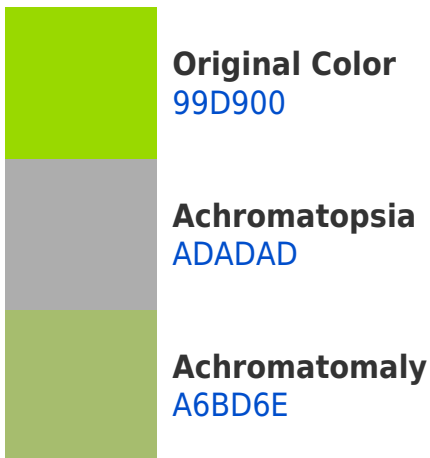
**Deuteranopia**  
F8BB29



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99D900 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 #99D900 looks like.

```
.text, #text, p{  
    color:#99D900  
}
```

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 #99D900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99D900
}
```

## Border

The CSS property to change the border of an element to Hex 99D900 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
#99D900 }
```

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

```
.border{ border-color:#99D900 }
```

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

Here you see how a box with a 4 pixel #99D900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99D900; -webkit-box-shadow:4px 4px  
4px 4px #99D900; box-shadow:4px 4px 4px  
4px #99D900 }
```

# Background

The CSS property to change the background color of an element to Hex 99D900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99D900 }
```

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

```
.background{ background-color:#99D900 }
```

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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