

# Converting Colors

Hex(99FF26)

Have a look what the booklet for  
Hex(99FF26) contains.

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**Color**

**Hex(99FF26)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99FF26
RGB	153, 255, 38
RGB Percent	60%, 100%, 15%
CMY	0.4000, 0.0000, 0.8510
CMYK	0.40, 0.00, 0.85, 0.00
HSL	88°, 100%, 57%
HSV	88°, 85%, 100%
XYZ	49.2467, 78.4322, 14.3771
YIQ	199.7640, 8.8650, -89.1110

# Conversions

## Conversions Part 2

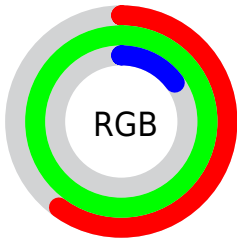
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 255, 140
Decimal	10092326
CIE <sub>Lab</sub>	90.98, -59.52, 82.60
CIE <sub>LCh</sub>	91, 101.808, 125.775
Yxy	78.4322, 0.3467, 0.5521
Android (android.graphics.Color)	4288282406 (0xFF99FF26)
YUV	199.7640, -79.7497, -41.0120
Hunter-Lab	88.5620, -55.7249, 52.3683

# Details

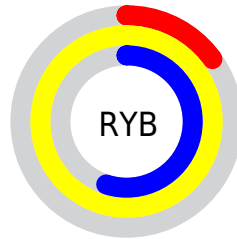
The Hex color **99FF26** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **8C26FF**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **D6FF6B**, and **5BC500** is the 20% darker color. If you saturate the color by 10%, you get **8DFF0D**, and if you desaturate by 10%, it is **A5FF40**.

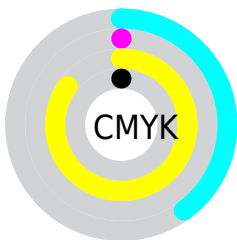
# Distribution



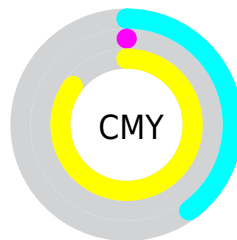
- Red (60%)
- Green (100%)
- Blue (15%)



- Red (15%)
- Yellow (100%)
- Blue (55%)



- Cyan (40%)
- Magenta (0%)
- Yellow (85%)
- Black (0%)




- Cyan (40%)
- Magenta (0%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99FF26 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 99FF26 by changing the saturation by 10% instead.



 99FF26

FFFFFF

 D6FF6B

 F5FF89

 FFFFA6

 FFFFC4

 FFFFE2

 99FF26

 7AE200

 5BC500

 38AA00

 008E00

 007400

 005A00

 004100

 002A00

 000700

 99FF26

 99FF26

 8DFF0D

 A5FF40

 87FF00

 B1FF59

 BDFF73

 C9FF8C

 D5FFA6

 E1FFBF

 EDFFD9

 F9FFF2

FFFFFF

# Harmonies

## Analogous

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



FFE700



99FF26



00FF90

# Triad

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



99FF26



00FFFF



FF79D6

# Complementary

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



99FF26



8C26FF

# 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.



FF91FF



99FF26



00EBFF

# Square

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



99FF26



00FFFF



FDC2FF



FF9478

# Rectangle

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



99FF26



00FFD4



FDC2FF



FF7BF7

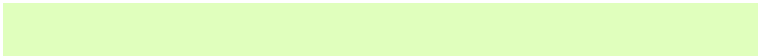


# Sweetspot

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



99FF26



E0FFBD



FF8B26



6D8058



000000



808080



# Same Dimension

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



99FF26



87FF00



2DFF26



7A8073



65BF00



224000



# Inverse Universe

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



8C26FF



7800FF



F826FF



797380



5A00BF

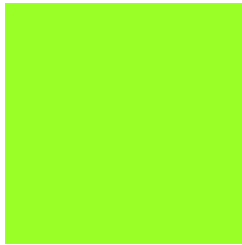


1E0040



# Previews

## White Background



This preview shows how the Hex color 99FF26 looks on a white background.

## Color Contrast Check

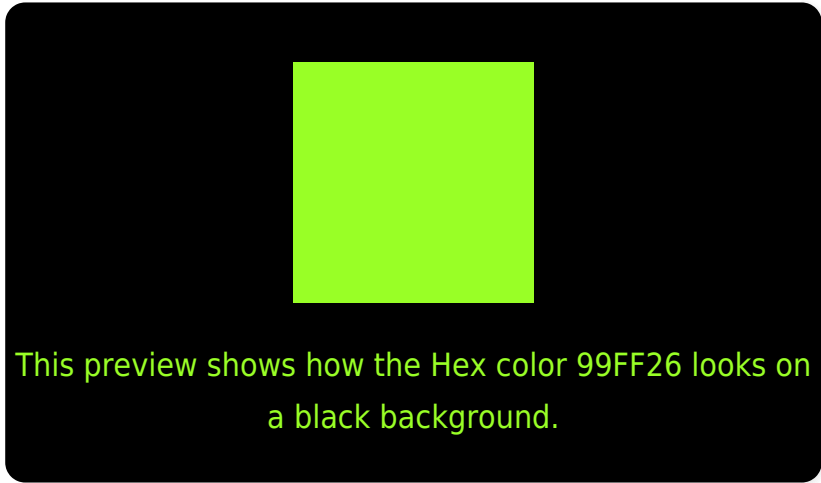
Large Text (above 18pt) WCAG AA × Fail

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

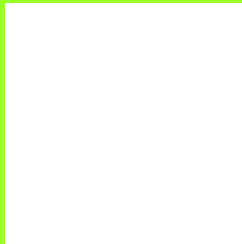
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 99FF26 Background



This preview shows how black text looks on a background with the Hex color 99FF26.

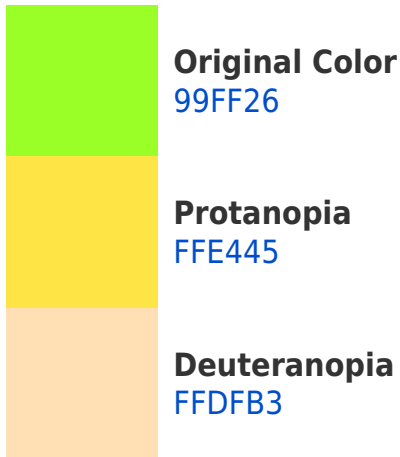


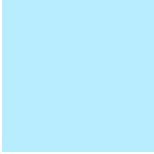
This preview shows how white text looks on a background with the Hex color 99FF26.

# 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](#).

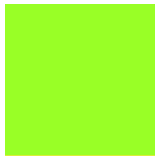
## Dichromacy





**Tritanopia**  
B8EDFF

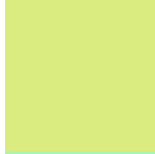
# Trichromacy



**Original Color**  
99FF26



**Protanomaly**  
DAEE3A

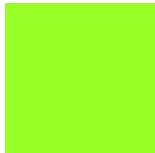


**Deuteranomaly**  
DAEB80

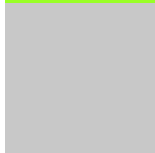


**Tritanomaly**  
ADF4B0

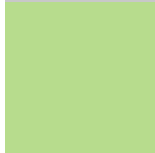
# Monochromacy



**Original Color**  
99FF26



**Achromatopsia**  
C8C8C8



**Achromatomaly**  
B7DC8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99FF26 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 #99FF26 looks like.

```
.text, #text, p{  
    color:#99FF26  
}
```

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 #99FF26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99FF26
}
```

## Border

The CSS property to change the border of an element to Hex 99FF26 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
#99FF26 }
```

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

```
.border{ border-color:#99FF26 }
```

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

Here you see how a box with a 4 pixel #99FF26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99FF26; -webkit-box-shadow:4px 4px  
4px 4px #99FF26; box-shadow:4px 4px 4px  
4px #99FF26 }
```

# Background

The CSS property to change the background color of an element to Hex 99FF26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99FF26 }
```

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

```
.background{ background-color:#99FF26 }
```

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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