

# Converting Colors

Hex(4AFF99)

Have a look what the booklet for  
Hex(4AFF99) contains.

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# **Color**

**Hex(4AFF99)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4AFF99
RGB	74, 255, 153
RGB Percent	29%, 100%, 60%
CMY	0.7098, 0.0000, 0.4000
CMYK	0.71, 0.00, 0.40, 0.00
HSL	146°, 100%, 65%
HSV	146°, 71%, 100%
XYZ	44.3338, 75.2758, 42.3300
YIQ	189.2530, -75.1340, -70.0940

# Conversions

## Conversions Part 2

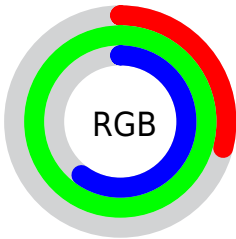
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 200, 255
Decimal	4915097
CIELab	89.52, -67.07, 35.97
CIELCh	90, 76.106, 151.798
Yxy	75.2758, 0.2738, 0.4648
Android (android.graphics.Color)	4283105177 (0xFF4AFF99)
YUV	189.2530, -17.8727, -101.0769
Hunter-Lab	86.7616, -60.6221, 31.8062

# Details

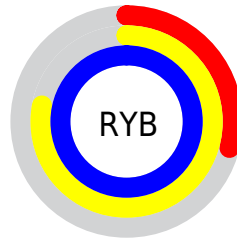
The Hex color **4AFF99** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **FF4AB0**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **90FFD0**, and **00C565** is the 20% darker color. If you saturate the color by 10%, you get **31FF8B**, and if you desaturate by 10%, it is **64FFA7**.

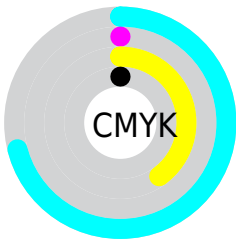
# Distribution



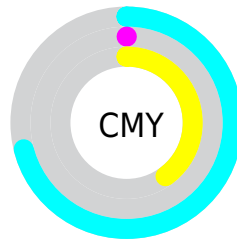
- Red (29%)
- Green (100%)
- Blue (60%)



- Red (29%)
- Yellow (78%)
- Blue (100%)



- Cyan (71%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (71%)
- Magenta (0%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4AFF99 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 4AFF99 by changing the saturation by 10% instead.



 4AFF99

FFFFFF

 90FFD0

 AFFFED

 CFFFFFF

 EFFFFFF

 4AFF99


 11E27E

 00C565

 00A94C

 008D33

 00721A

 005800

 003F00

 002700

 000000

 4AFF99

 4AFF99

 31FF8B

 64FFA7

 17FF7C

 7DFFB6

 00FF6F

 97FFC4

 B0FFD2

 CAFFE1

 E3FFE1

 FDFFE1

 FFFFFFFF

# Harmonies

## Analogous

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



BAF35D



4AFF99



00FE3

# Triad

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



4AFF99



33E8FF



FFA999

# Complementary

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



4AFF99



FF4AB0

# 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.



FF9EE0



4AFF99



E9CCFF

# Square

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



4AFF99



00FAFF



FFAEFF



FFC45F

# Rectangle

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



4AFF99



00FFFF



FFAEFF



FFA2AF

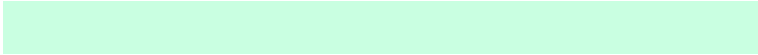


# Sweetspot

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



4AFF99



C9FFE1



B1FF4A



60806E



000000



808080



# Same Dimension

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



4AFF99



26FF85



4AFFF3



738078



00BF53



00401C



# Inverse Universe

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



FF4AB0



FF26A0



FF4A56



80737A



BF006C

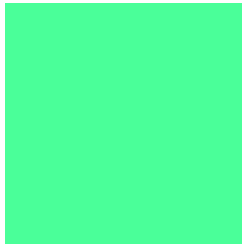


400024



# Previews

## White Background



This preview shows how the Hex color 4AFF99 looks on a white background.

## Color Contrast Check

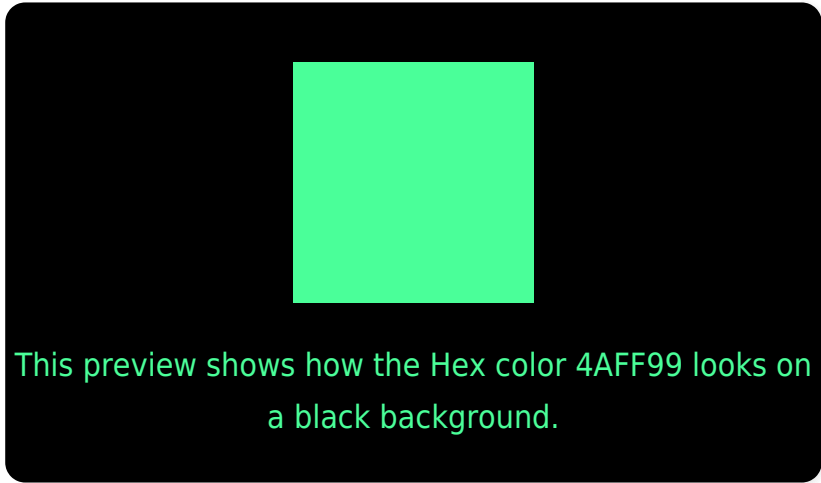
Large Text (above 18pt) WCAG AA × Fail

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

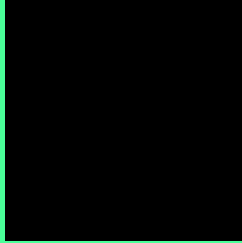
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4AFF99 Background



This preview shows how black text looks on a background with the Hex color 4AFF99.



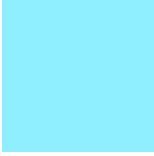
This preview shows how white text looks on a background with the Hex color 4AFF99.

# 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](#).

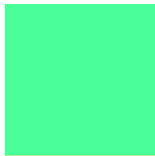
## Dichromacy





**Tritanopia**  
8FEFF

# Trichromacy



**Original Color**  
4AFF99



**Protanomaly**  
B6EB91



**Deuteranomaly**  
BDE6AA

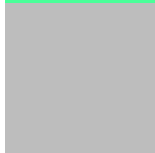


**Tritanomaly**  
76F5DA

# Monochromacy



**Original Color**  
4AFF99



**Achromatopsia**  
BDBDBD



**Achromatomaly**  
93D5B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4AFF99 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 #4AFF99 looks like.

```
.text, #text, p{  
    color:#4AFF99  
}
```

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 #4AFF99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AFF99
}
```

## Border

The CSS property to change the border of an element to Hex 4AFF99 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
#4AFF99 }
```

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

```
.border{ border-color:#4AFF99 }
```

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

Here you see how a box with a 4 pixel #4AFF99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AFF99; -webkit-box-shadow:4px 4px  
4px 4px #4AFF99; box-shadow:4px 4px 4px  
4px #4AFF99 }
```

# Background

The CSS property to change the background color of an element to Hex 4AFF99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AFF99 }
```

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

```
.background{ background-color:#4AFF99 }
```

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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