

Converting Colors

Hex(4AFF11)

Have a look what the booklet for
Hex(4AFF11) contains.

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Color

Hex(4AFF11)

Conversions

Conversions Part 1

Format	Color
Hex	4AFF11
RGB	74, 255, 17
RGB Percent	29%, 100%, 7%
CMY	0.7098, 0.0000, 0.9333
CMYK	0.71, 0.00, 0.93, 0.00
HSL	106°, 100%, 53%
HSV	106°, 93%, 100%
XYZ	38.6852, 73.0163, 12.5850
YIQ	173.7490, -31.4780, -112.3900

Conversions

Conversions Part 2

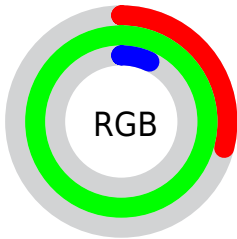
Format	Color
R _Y B	17, 255, 198
Decimal	4914961
CIE Lab	88.46, -79.70, 82.67
CIE LCh	88, 114.831, 133.950
Yxy	73.0163, 0.3113, 0.5875
Android (android.graphics.Color)	4283105041 (0xFF4AFF11)
YUV	173.7490, -77.2773, -87.4799
Hunter-Lab	85.4496, -68.7253, 51.0825

Details

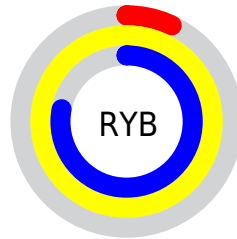
The Hex color **4AFF11** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark washed green. A complement of this color would be **C611FF**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **93FF61**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **3DFF00**, and if you desaturate by 10%, it is **5DFF2B**.

Distribution



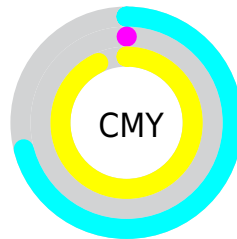
- Red (29%)
- Green (100%)
- Blue (7%)



- Red (7%)
- Yellow (100%)
- Blue (78%)



- Cyan (71%)
- Magenta (0%)
- Yellow (93%)
- Black (0%)



- Cyan (71%)
- Magenta (0%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AFF11 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 4AFF11 by changing the saturation by 10% instead.

 4AFF11

 4AFF11

FFFFFF

 01E200

 93FF61

 00C500

 B4FF7F

 00A800

 D5FF9D

 008D00

 F5FFBB

 007100


 FFFFD8

 005700

 FFFFF7

 003F00

 002400

 000000

 4AFF11

 4AFF11

 3DFF00

 5DFF2B

 71FF44

 84FF5E

 98FF77

 ABFF91

 BEFFAA

 D2FFC4

 E5FFDD

 F9FFF7

Harmonies

Analogous

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



DCE900



4AFF11



00FF9D

Triad

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



4AFF11



00FBFF



FF52B0

Complementary

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



4AFF11



C611FF

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.



FF63FF



4AFF11



00DBFF

Square

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



4AFF11



00FFFF



FFA5FF



FF8C46

Rectangle

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



4AFF11



00FFEA



FFA5FF



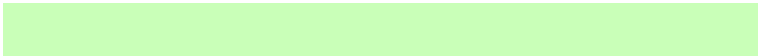
FF4BD4

Sweetspot

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



4AFF11



C9FFB8



FFC411



5F8054



000000



808080

Same Dimension

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



4AFF11



3DFF00



11FF4D



768073



2EBF00



0F4000

Inverse Universe

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



C611FF



C200FF



FF11C4



7C7380



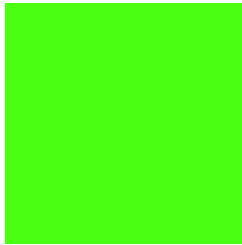
9100BF



300040

Previews

White Background



This preview shows how the Hex color 4AFF11 looks on a white background.

Color Contrast Check

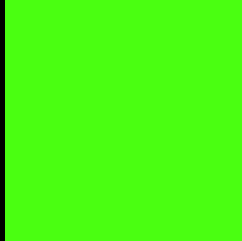
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 4AFF11 looks on a 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 4AFF11 Background



This preview shows how black text looks on a background with the Hex color 4AFF11.

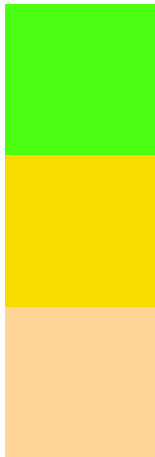


This preview shows how white text looks on a background with the Hex color 4AFF11.

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](#).

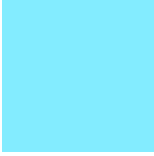
Dichromacy



Original Color
E67E22

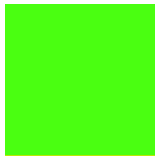
Protanopia
F8DC00

Deuteranopia
FFD59F



Tritanopia
83ECFF

Trichromacy



Original Color
4AFF11



Protanomaly
B9E906

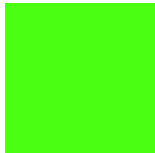


Deuteranomaly
BDE466

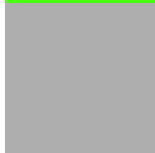


Tritanomaly
6EF3A8

Monochromacy



Original Color
4AFF11



Achromatopsia
AEAEAE



Achromatomaly
8ACB75

CSS Examples

Text

The CSS property to change the color of the text to Hex 4AFF11 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 #4AFF11 looks like.

```
.text, #text, p{  
    color:#4AFF11  
}
```

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 #4AFF11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AFF11
}
```

Border

The CSS property to change the border of an element to Hex 4AFF11 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
#4AFF11 }
```

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

```
.border{ border-color:#4AFF11 }
```

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

Here you see how a box with a 4 pixel #4AFF11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AFF11; -webkit-box-shadow:4px 4px  
4px 4px #4AFF11; box-shadow:4px 4px 4px  
4px #4AFF11 }
```

Background

The CSS property to change the background color of an element to Hex 4AFF11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AFF11 }
```

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

```
.background{ background-color:#4AFF11 }
```

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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