

Converting Colors

Hex(3AFF59)

Have a look what the booklet for
Hex(3AFF59) contains.

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Color

Hex(3AFF59)

Conversions

Conversions Part 1

Format	Color
Hex	3AFF59
RGB	58, 255, 89
RGB Percent	23%, 100%, 35%
CMY	0.7725, 0.0000, 0.6510
CMYK	0.77, 0.00, 0.65, 0.00
HSL	129°, 100%, 61%
HSV	129°, 77%, 100%
XYZ	39.3081, 73.1408, 21.4970
YIQ	177.1730, -64.1260, -93.3900

Conversions

Conversions Part 2

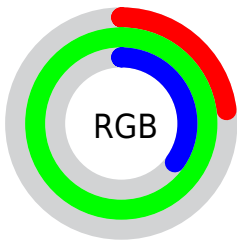
Format	Color
RYB	58, 228, 255
Decimal	3866457
CIELab	88.51, -77.97, 63.74
CIELCh	89, 100.711, 140.736
Yxy	73.1408, 0.2935, 0.5460
Android (android.graphics.Color)	4282056537 (0xFF3AFF59)
YUV	177.1730, -43.4693, -104.5147
Hunter-Lab	85.5224, -67.6214, 44.9625

Details

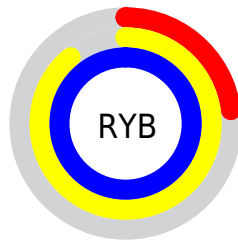
The Hex color **3AFF59** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **FF3AE0**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **87FF91**, and **00C51A** is the 20% darker color. If you saturate the color by 10%, you get **20FF44**, and if you desaturate by 10%, it is **53FF6E**.

Distribution



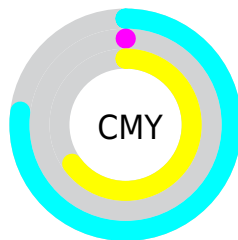
- Red (23%)
- Green (100%)
- Blue (35%)



- Red (23%)
- Yellow (89%)
- Blue (100%)



- Cyan (77%)
- Magenta (0%)
- Yellow (65%)
- Black (0%)



- Cyan (77%)
- Magenta (0%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AFF59 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 3AFF59 by changing the saturation by 10% instead.

 3AFF59

 3AFF59

FFFFFF

 00E23C

 87FF91

 00C51A

 A9FFAD

 00A800

 C9FFCA

 008C00

 E9FFE7

 007100

 005700

 003F00

 002400

 000000

 3AFF59

 3AFF59

 20FF44

 53FF6E

 07FF2E

 6DFF84

 00FF28

 86FF99

 A0FFAF

 B9FFC4

 D3FFDA

 ECFFE7

FFFFFF

Harmonies

Analogous

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



CAED00



3AFF59



00FFBC

Triad

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



3AFF59



00F2FF



FF7BA0

Complementary

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



3AFF59



FF3AE0

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.



FF79FF



3AFF59



96D2FF

Square

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



3AFF59



00FFFF



FFA3FF



FFA546

Rectangle

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



3AFF59



00FFFF



FFA3FF



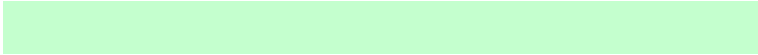
FF74C0

Sweetspot

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



3AFF59



C4FFCE



E1FF3A



5C8061



000000



808080

Same Dimension

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



3AFF59



12FF37



3AFFBA



738075



00BF1E



00400A

Inverse Universe

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



FF3AE0



FF12DA



FF3A7F



80737D



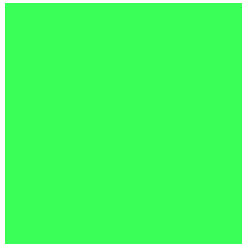
BF00A1



400036

Previews

White Background



This preview shows how the Hex color 3AFF59 looks on a white background.

Color Contrast Check

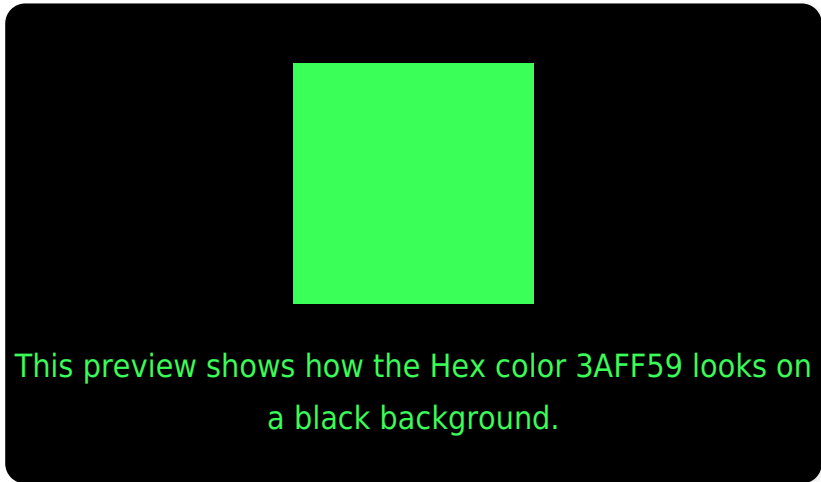
Large Text (above 18pt) WCAG AA × Fail

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 3AFF59 Background



This preview shows how black text looks on a background with the Hex color 3AFF59.

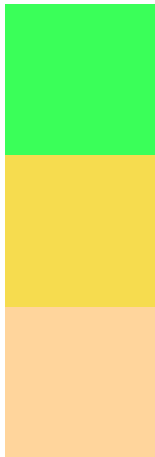


This preview shows how white text looks on a background with the Hex color 3AFF59.

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](#).

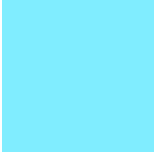
Dichromacy



Original Color
3AFF59

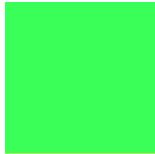
Protanopia
F6DC4F

Deuteranopia
FFD59C



Tritanopia
80EDFF

Trichromacy



Original Color
3AFF59



Protanomaly
B2E953

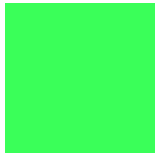


Deuteranomaly
B7E484



Tritanomaly
67F4C3

Monochromacy



Original Color
3AFF59



Achromatopsia
B1B1B1



Achromatomaly
86CD91

CSS Examples

Text

The CSS property to change the color of the text to Hex 3AFF59 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 #3AFF59 looks like.

```
.text, #text, p{  
    color:#3AFF59  
}
```

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 #3AFF59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AFF59
}
```

Border

The CSS property to change the border of an element to Hex 3AFF59 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
#3AFF59 }
```

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

```
.border{ border-color:#3AFF59 }
```

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

Here you see how a box with a 4 pixel #3AFF59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AFF59; -webkit-box-shadow:4px 4px  
4px 4px #3AFF59; box-shadow:4px 4px 4px  
4px #3AFF59 }
```

Background

The CSS property to change the background color of an element to Hex 3AFF59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AFF59 }
```

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

```
.background{ background-color:#3AFF59 }
```

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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