

Converting Colors

Hex(BAFF39)

Have a look what the booklet for
Hex(BAFF39) contains.

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Color

Hex(BAFF39)

Conversions

Conversions Part 1

Format	Color
Hex	BAFF39
RGB	186, 255, 57
RGB Percent	73%, 100%, 22%
CMY	0.2706, 0.0000, 0.7765
CMYK	0.27, 0.00, 0.78, 0.00
HSL	81°, 100%, 61%
HSV	81°, 78%, 100%
XYZ	56.7482, 82.2545, 16.7567
YIQ	211.7970, 22.4340, -76.2060

Conversions

Conversions Part 2

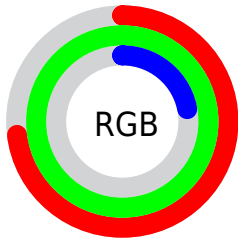
Format	Color
RYB	57, 255, 126
Decimal	12255033
CIELab	92.69, -47.45, 80.21
CIELCh	93, 93.199, 120.608
Yxy	82.2545, 0.3643, 0.5281
Android (android.graphics.Color)	4290445113 (0xFFBAFF39)
YUV	211.7970, -76.3149, -22.6240
Hunter-Lab	90.6943, -47.0259, 52.5316

Details

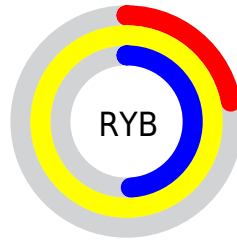
The Hex color **BAFF39** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **7E39FF**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **F6FF77**, and **7FC600** is the 20% darker color. If you saturate the color by 10%, you get **B1FF1F**, and if you desaturate by 10%, it is **C3FF52**.

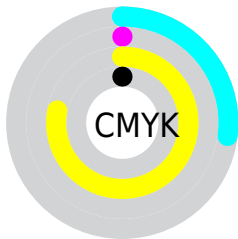
Distribution



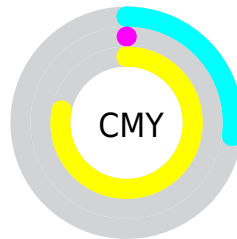
- Red (73%)
- Green (100%)
- Blue (22%)



- Red (22%)
- Yellow (100%)
- Blue (49%)



- Cyan (27%)
- Magenta (0%)
- Yellow (78%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color BAFF39 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 BAFF39 by changing the saturation by 10% instead.

 BAFF39

 BAFF39

FFFFFF

 9CE206

 F6FF77

 7FC600

 FFFF95

 61AA00

 FFFFB2

 438F00

 FFFFFD0

 207500

 FFFFED

 005C00

 004400

 002D00

 001100

 BAFF39

 BAFF39

 B1FF1F

 C3FF52

 A8FF06

 CCFF6C

 A6FF00

 D5FF85

 DEFF9F

 E6FFB8

 EFFF02

 F8FFEB

FFFFFF

Harmonies

Analogous

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



FFE600



BAFF39



00FF8D

Triad

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



BAFF39



00FFFF



FF8FEC

Complementary

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



BAFF39



7E39FF

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.



FFA8FF



BAFF39



00F4FF

Square

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



BAFF39



00FFFF



EAD1FF



FF9E94

Rectangle

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



BAFF39



00FFCA



EAD1FF



FF93FF

Sweetspot

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



BAFF39



EBFFC4



FF7B39



73805C



000000



808080

Same Dimension

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



BAFF39



ACFF12



5AFF39



7B8073



7DBF00



2A4000

Inverse Universe

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



7E39FF



6412FF



DE39FF



777380



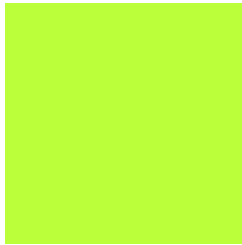
4300BF



160040

Previews

White Background



This preview shows how the Hex color BAFF39 looks on a white background.

Color Contrast Check

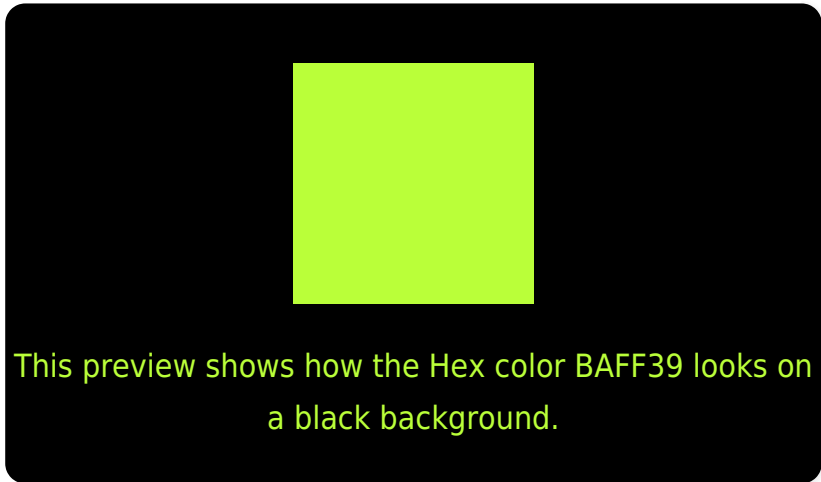
Large Text (above 18pt) WCAG AA × Fail

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 BAFF39 Background



This preview shows how black text looks on a background with the Hex color BAFF39.

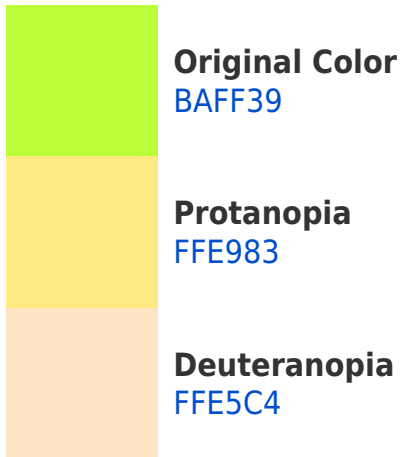


This preview shows how white text looks on a background with the Hex color BAFF39.

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](#).

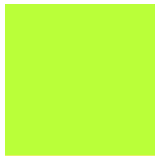
Dichromacy



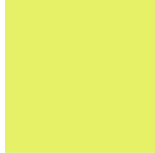


Tritanopia
D3EDFF

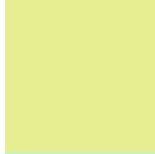
Trichromacy



Original Color
BAFF39



Protanomaly
E6F168



Deuteranomaly
E6EE91

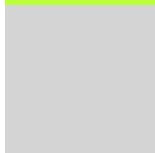


Tritanomaly
CAF4B7

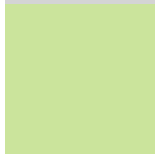
Monochromacy



Original Color
BAFF39



Achromatopsia
D4D4D4



Achromatomaly
CBE49C

CSS Examples

Text

The CSS property to change the color of the text to Hex BAFF39 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 #BAFF39 looks like.

```
.text, #text, p{  
    color:#BAFF39  
}
```

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 #BAFF39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAFF39
}
```

Border

The CSS property to change the border of an element to Hex BAFF39 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
#BAFF39 }
```

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

```
.border{ border-color:#BAFF39 }
```

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

Here you see how a box with a 4 pixel #BAFF39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAFF39; -webkit-box-shadow:4px 4px  
4px 4px #BAFF39; box-shadow:4px 4px 4px  
4px #BAFF39 }
```

Background

The CSS property to change the background color of an element to Hex BAFF39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAFF39 }
```

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

```
.background{ background-color:#BAFF39 }
```

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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