

# Converting Colors

Hex(BAFFF3)

Have a look what the booklet for  
Hex(BAFFF3) contains.

|  |    |
|--|----|
| <b>Hex(BAFFF3)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(BAFFF3)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | BAFFF3                       |
| RGB         | 186, 255, 243                |
| RGB Percent | 73%, 100%, 95%               |
| CMY         | 0.2706, 0.0000, 0.0471       |
| CMYK        | 0.27, 0.00, 0.05, 0.00       |
| HSL         | 170°, 100%, 86%              |
| HSV         | 170°, 27%, 100%              |
| XYZ         | 72.1874, 88.4302, 98.0581    |
| YIQ         | 233.0010, -37.2720, -18.3600 |

# Conversions

## Conversions Part 2

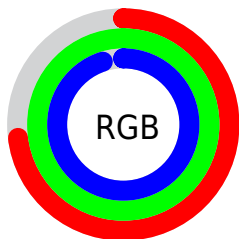
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 186, 224, 255                 |
| Decimal                             | 12255219                      |
| CIE Lab                             | 95.34, -23.73, -1.17          |
| CIE LCh                             | 95, 23.762, 182.825           |
| Yxy                                 | 88.4302, 0.2791,<br>0.3419    |
| Android<br>(android.graphics.Color) | 4290445299<br>(0xFFBAFFF3)    |
| YUV                                 | 233.0010, 4.9295,<br>-41.2199 |
| Hunter-Lab                          | 94.0373, -27.5405,<br>4.0011  |

# Details

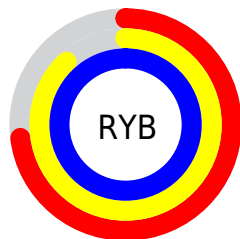
The Hex color **BAFFF3** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFBAC6**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **F3FFFF**, and **83C6BB** is the 20% darker color. If you saturate the color by 10%, you get **A1FFEF**, and if you desaturate by 10%, it is **D3FFF7**.

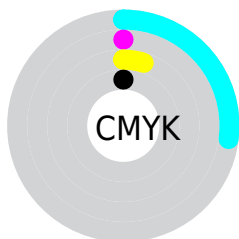
# Distribution



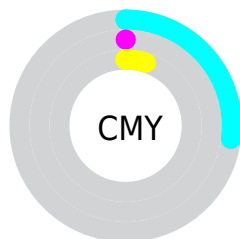
- Red (73%)
- Green (100%)
- Blue (95%)



- Red (73%)
- Yellow (88%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BAFFF3 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 BAFFF3 by changing the saturation by 10% instead.



 BAFFF3

 BAFFF3

FFFFFF

 9EE2D7

 F3FFFF

 83C6BB

 68ABA0

 4E9086

 33766D

 165D54

 00453D

 002E28

 001C13

 BAFFF3

 BAFFF3

 A1FFEF

 D3FFF7

 87FFEA

 EDFFFC


 6DFFE6

FFFFFF

 54FFE1

 3AFFDD

 21FFD8

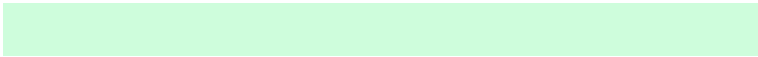
 08FFD4

 00FFD3

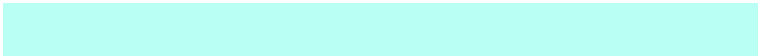
# Harmonies

## Analogous

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



CEFDDC



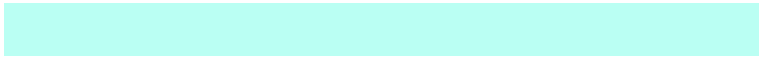
BAFFF3



B4FEFF

# Triad

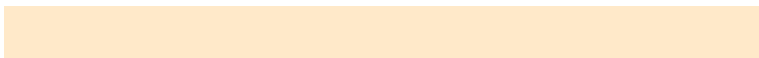
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



BAFFF3



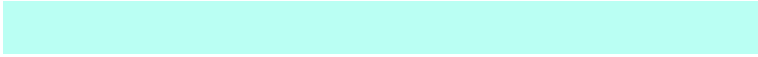
F9EBFF



FFE9C9

# Complementary

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



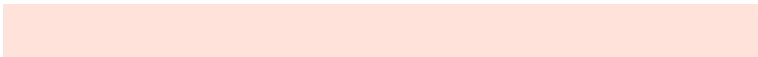
BAFFF3



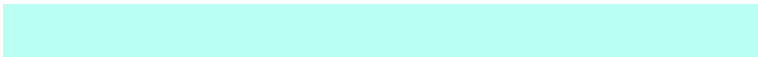
FFBAC6

# 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.



FFE3DA



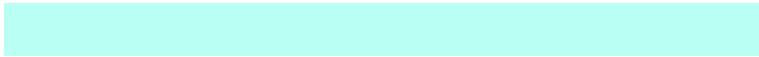
BAFFF3



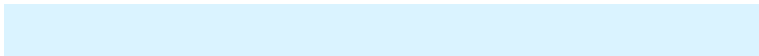
FFE4FF

# Square

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



BAFFF3



DAF3FF



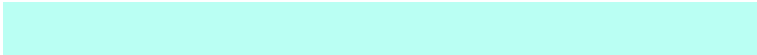
FFE2F0



FFF1C4

# Rectangle

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



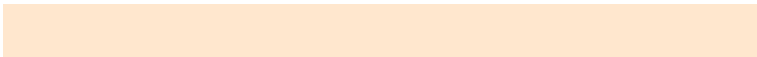
BAFFF3



BAFBFF



FFE2F0



FFE7CE



# Sweetspot

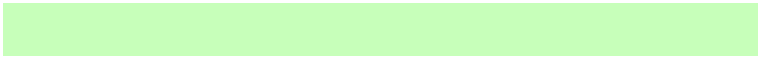
The Sweet Spot groups the original color and five complimentary colors.



BAFFF3



EBFFFB



C7FFBA



73807D



000000

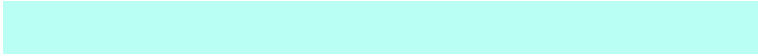


808080



# Same Dimension

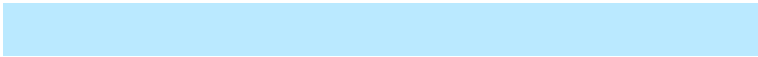
The Same Dimension uses a secret algorithm to generate beautiful new colors.



BAFFF3



ADFFF1



BAE9FF



73807D



00BF9E



004035



# Inverse Universe

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



FFBAC6



FFADBC



FFD0BA



807375



BF0021

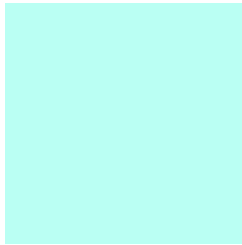


40000B



# Previews

## White Background



This preview shows how the Hex color BAFFF3 looks on a white background.

## Color Contrast Check

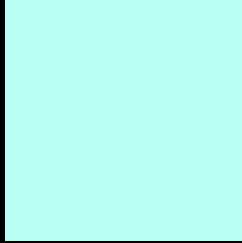
Large Text (above 18pt) WCAG AA × Fail

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 BAFFF3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

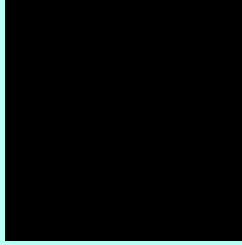
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

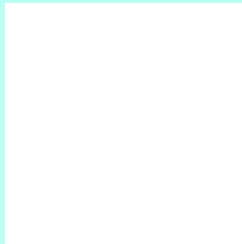
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BAFF3 Background



This preview shows how black text looks on a background with the Hex color BAFF3.

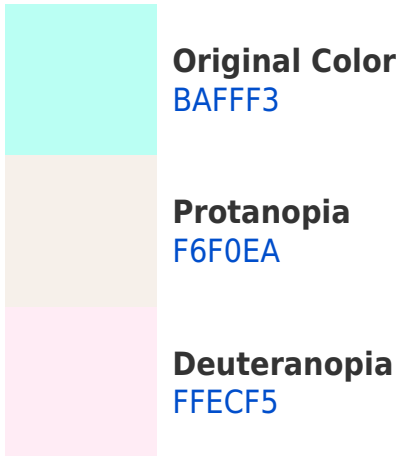


This preview shows how white text looks on a background with the Hex color BAFF3.

# 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



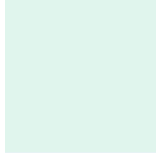


**Tritanopia**  
DCF5FF

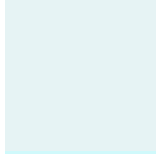
# Trichromacy



**Original Color**  
BAFFF3



**Protanomaly**  
E0F5ED

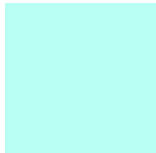


**Deuteranomaly**  
E6F3F4

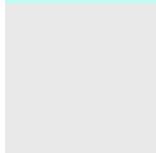


**Tritanomaly**  
D0F9FB

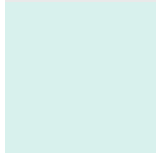
# Monochromacy



**Original Color**  
BAFFF3



**Achromatopsia**  
E9E9E9



**Achromatomaly**  
D8F1ED

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BAFFF3 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 #BAFFF3 looks like.

```
.text, #text, p{  
    color:#BAFFF3  
}
```

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 #BAFFF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAFFF3
}
```

## Border

The CSS property to change the border of an element to Hex BAFFF3 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
#BAFFF3 }
```

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

```
.border{ border-color:#BAFFF3 }
```

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

Here you see how a box with a 4 pixel #BAFFF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAFFF3; -webkit-box-shadow:4px 4px  
4px 4px #BAFFF3; box-shadow:4px 4px 4px  
4px #BAFFF3 }
```

# Background

The CSS property to change the background color of an element to Hex BAFFF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAFFF3 }
```

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

```
.background{ background-color:#BAFFF3 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor