

# Converting Colors

Hex(BAFFE6)

Have a look what the booklet for  
Hex(BAFFE6) contains.

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# **Color**

**Hex(BAFFE6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAFFE6
RGB	186, 255, 230
RGB Percent	73%, 100%, 90%
CMY	0.2706, 0.0000, 0.0980
CMYK	0.27, 0.00, 0.10, 0.00
HSL	158°, 100%, 86%
HSV	158°, 27%, 100%
XYZ	70.2926, 87.6723, 88.0805
YIQ	231.5190, -33.0990, -22.4030

# Conversions

## Conversions Part 2

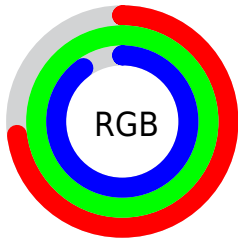
<b>Format</b>	<b>Color</b>
<b>RYB</b>	186, 228, 255
Decimal	12255206
CIELab	95.02, -26.38, 5.07
CIELCh	95, 26.867, 169.132
Yxy	87.6723, 0.2857, 0.3563
Android (android.graphics.Color)	4290445286 (0xFFBAFFE6)
YUV	231.5190, -0.7489, -39.9202
Hunter-Lab	93.6335, -29.8549, 9.7696

# Details

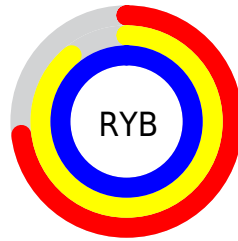
The Hex color **BAFFE6** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **FFBAD3**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **F3FFFF**, and **83C6AF** is the 20% darker color. If you saturate the color by 10%, you get **A1FFDD**, and if you desaturate by 10%, it is **D3FFEF**.

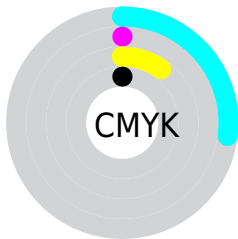
# Distribution



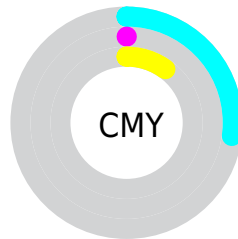
- Red (73%)
- Green (100%)
- Blue (90%)



- Red (73%)
- Yellow (89%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BAFFE6 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 BAFFE6 by changing the saturation by 10% instead.



 BAFFE6

FFFFFF

 F3FFFF

 BAFFE6

 9EE2CA

 83C6AF

 68AB94

 4E907A

 347661

 185D4A

 004533

 002E1E

 001A05

 BAFFE6

 BAFFE6

 A1FFDD

 D3FFEF

 87FFD4

 EDFFF8

 6DFFCA

FFFFFF

 54FFC1

 3AFFB8

 21FFAF

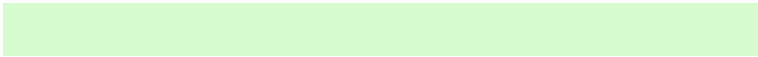
 08FFA5

 00FFA3

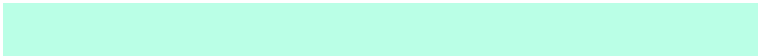
# Harmonies

## Analogous

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



D5FBCE



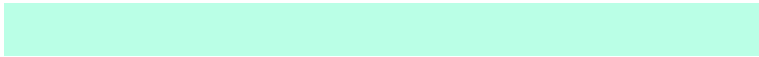
BAFFE6



AAFFFF

# Triad

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



BAFFE6



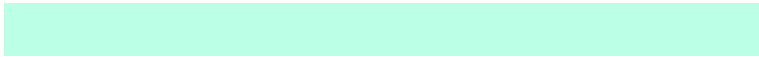
E9EDFF



FFE4CA

# Complementary

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



BAFFE6



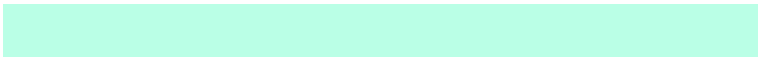
FFBAD3

# 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.



FFDFE1



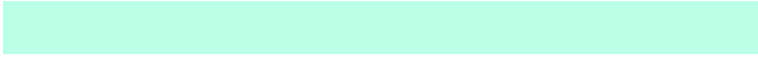
BAFFE6



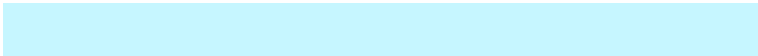
FFE5FF

# Square

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



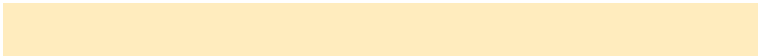
BAFFE6



C6F6FF



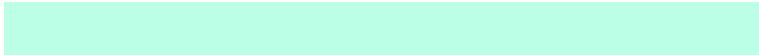
FFDFFB



FFECBE

# Rectangle

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



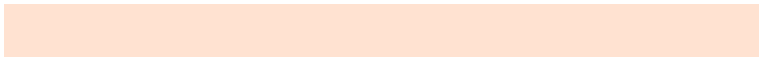
BAFFE6



AAFEFF



FFDFFB

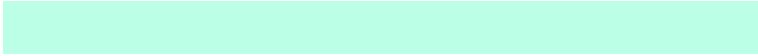


FFE2D1

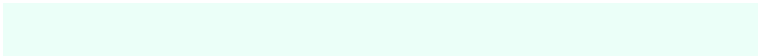


# Sweetspot

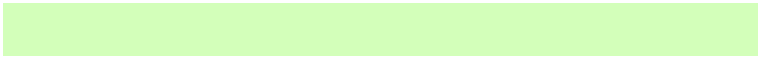
The Sweet Spot groups the original color and five complimentary colors.



BAFFE6



EBFFF8



D3FFBA



73807B



000000

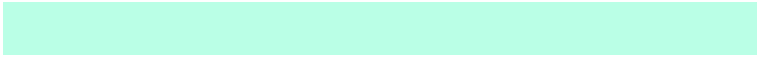


808080

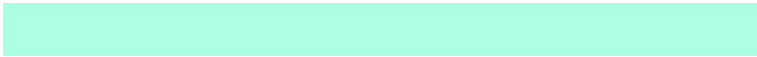


# Same Dimension

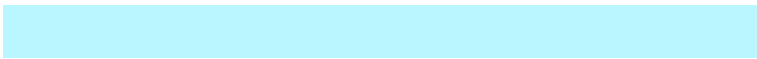
The Same Dimension uses a secret algorithm to generate beautiful new colors.



BAFFE6



ADFFE1



BAF6FF



73807B



00BF7A



004029



# Inverse Universe

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



FFBAD3



FFADCB



FFC3BA



807377



BF0045

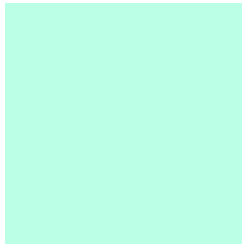


400017



# Previews

## White Background



This preview shows how the Hex color BAFFE6 looks on a white background.

## Color Contrast Check

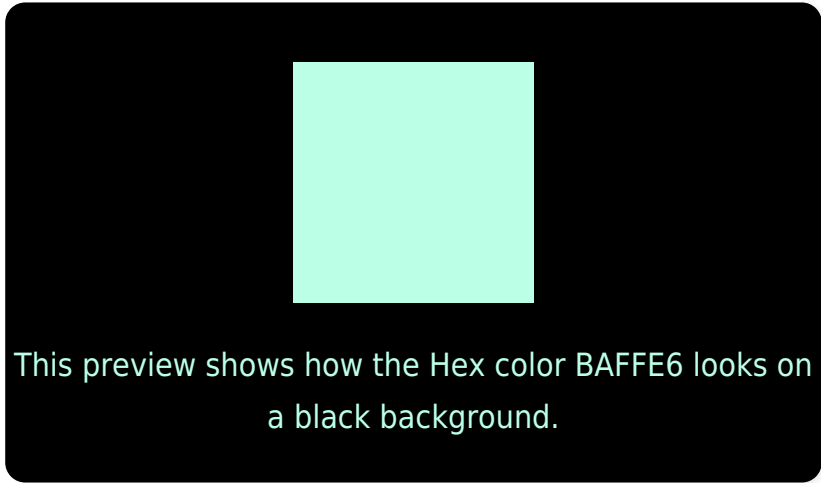
Large Text (above 18pt) WCAG AA × Fail

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

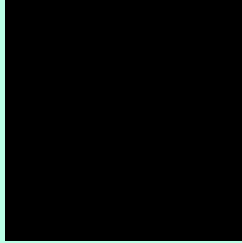
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

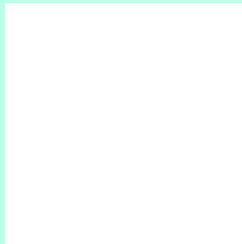
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BAFFE6 Background



This preview shows how black text looks on a background with the Hex color BAFFE6.

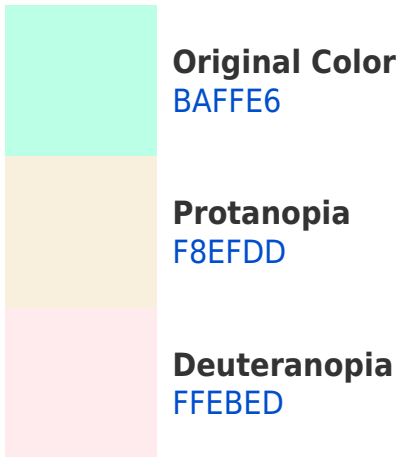


This preview shows how white text looks on a background with the Hex color BAFFE6.

# 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



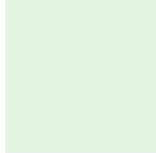


**Tritanopia**  
DBF5FF

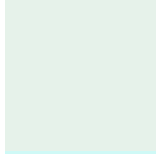
# Trichromacy



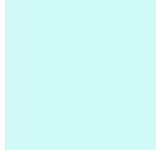
**Original Color**  
BAFFE6



**Protanomaly**  
E1F5E0

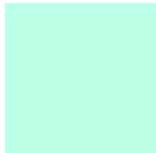


**Deuteranomaly**  
E6F2EA

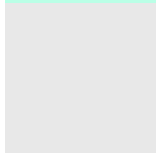


**Tritanomaly**  
CFF9F6

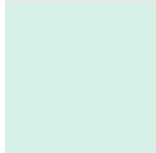
# Monochromacy



**Original Color**  
BAFFE6



**Achromatopsia**  
E8E8E8



**Achromatomaly**  
D7F0E7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BAF FE6 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 #BAFFE6 looks like.

```
.text, #text, p{  
    color:#BAFFE6  
}
```

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 #BAFFE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAFFE6  
}
```

## Border

The CSS property to change the border of an element to Hex BAF FE6 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  
#BAFFE6 }
```

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

```
.border{ border-color:#BAFFE6 }
```

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

Here you see how a box with a 4 pixel #BAFFE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAFFE6; -webkit-box-shadow:4px 4px  
4px 4px #BAFFE6; box-shadow:4px 4px 4px  
4px #BAFFE6 }
```

# Background

The CSS property to change the background color of an element to Hex BAF FE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAFFE6 }
```

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

```
.background{ background-color:#BAFFE6 }
```

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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