

# Converting Colors

Hex(BADAFE)

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

<b>Hex(BADAFE)</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(BADAFE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BADAFE
RGB	186, 218, 254
RGB Percent	73%, 85%, 100%
CMY	0.2706, 0.1451, 0.0039
CMYK	0.27, 0.14, 0.00, 0.00
HSL	212°, 97%, 86%
HSV	212°, 27%, 100%
XYZ	63.2105, 67.7377, 103.5091
YIQ	212.5360, -30.6280, 4.4120

# Conversions

## Conversions Part 2

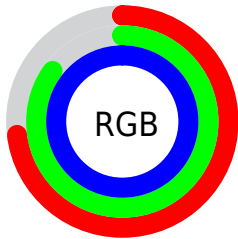
Format	Color
<a href="#">RYB</a>	<a href="#">186, 208, 254</a>
Decimal	<a href="#">12245758</a>
CIELab	<a href="#">85.88, -2.68, -21.01</a>
CIELCh	<a href="#">86, 21.178, 262.727</a>
Yxy	<a href="#">67.7377, 0.2696, 0.2889</a>
Android (android.graphics.Color)	<a href="#">4290435838 (0xFFBADAFAE)</a>
YUV	<a href="#">212.5360, 20.4418, -23.2721</a>
Hunter-Lab	<a href="#">82.3029, -6.9380, -16.9546</a>

# Details

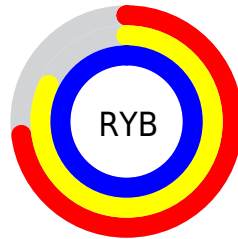
The Hex color **BADAFE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FEDEBA**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **F3FFFF**, and **83A3C5** is the 20% darker color. If you saturate the color by 10%, you get **A1CDFE**, and if you desaturate by 10%, it is **D3E7FE**.

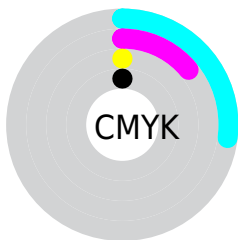
# Distribution



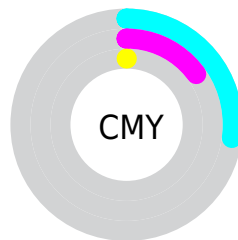
- Red (73%)
- Green (85%)
- Blue (100%)



- Red (73%)
- Yellow (82%)
- Blue (100%)



- Cyan (27%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (15%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 BADA FE

 BADA FE

FFFFFF

 9EBEE1

 F3FFFF

 83A3C5

 6989AA

 4F708F

 365776

 1B405D

 002A45

 00162F

 00011A

 BADA FE

 BADA FE

 A1CD FE

 D3E7 FE

 87BF FE

 EDF5 FE

 6EB2 FE

FFFF FE

 54A4 FE

 3B97 FE

 2289 FE

 087C FE

 0078 FE

# Harmonies

## Analogous

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



A6DFF6



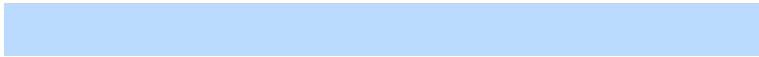
BADAFE



D4D3FC

# Triad

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



BADAFE



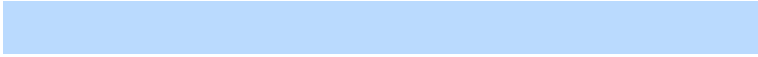
FFC9C8



BFDFFE

# Complementary

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



BADAFE



FEDEBA

# 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.



D6DAB2



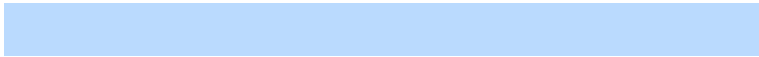
BADAFE



FBCDB8

# Square

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



BADAFE



FCC9DC



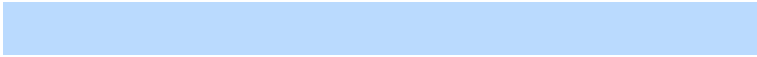
EBD4AF



ABE2D1

# Rectangle

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



BADAFE



E5CFF4



EBD4AF



C7DEB9

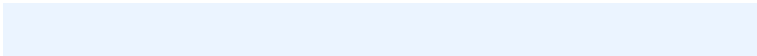


# Sweetspot

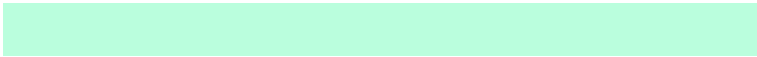
The Sweet Spot groups the original color and five complimentary colors.



BADAFE



EBF4FF



BAFEDD



737980



000000

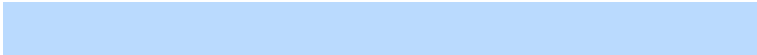


808080

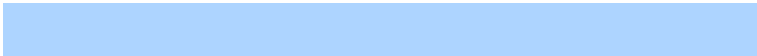


# Same Dimension

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



BADAFE



ADD4FF



BBBAFE



737980



005ABF



001E40



# Inverse Universe

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



FEBADA



FFADD4



FDFEBA



807379



BF005A

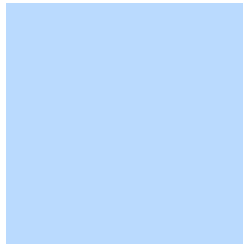


40001E



# Previews

## White Background



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

## Color Contrast Check

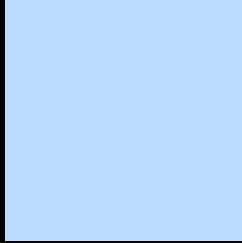
Large Text (above 18pt) WCAG AA × Fail

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 BADA FE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

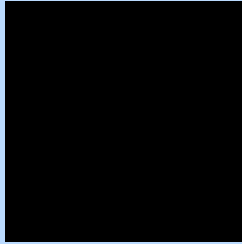
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

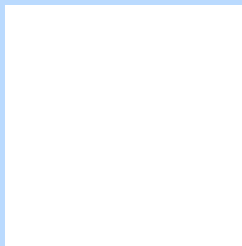
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BADAFE Background



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

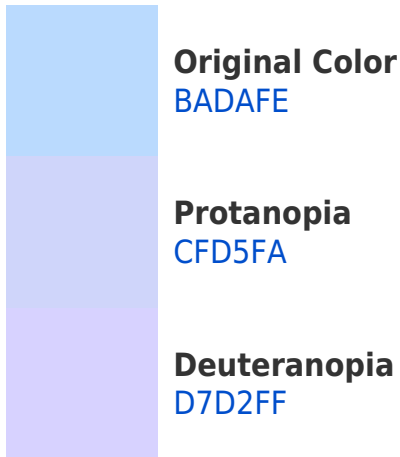


This preview shows how white text looks on a background with the Hex color BADAFE.

# Color Blindness Simulation

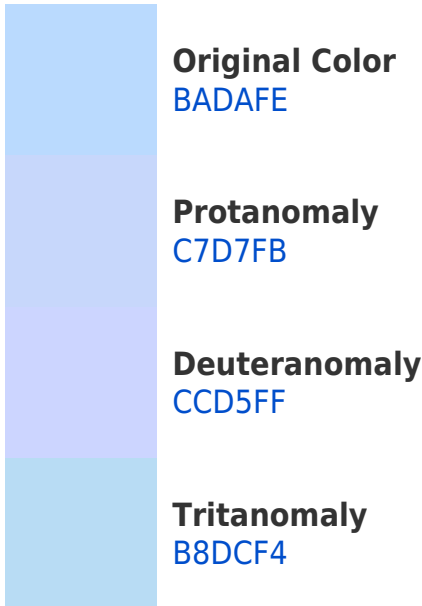
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

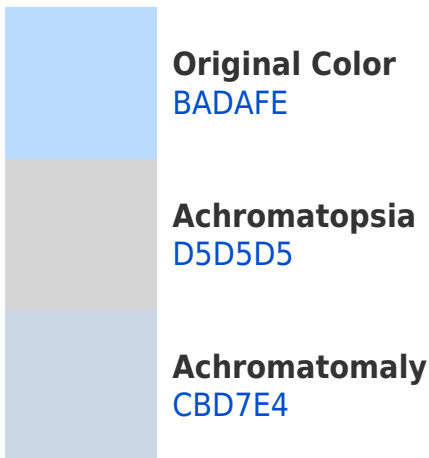




# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #BADAFAE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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