

# Converting Colors

Hex(BADDFA)

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

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# **Color**

**Hex(BADDFA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BADDFA
RGB	186, 221, 250
RGB Percent	73%, 87%, 98%
CMY	0.2706, 0.1333, 0.0196
CMYK	0.26, 0.12, 0.00, 0.02
HSL	207°, 86%, 85%
HSV	207°, 26%, 98%
XYZ	63.3615, 69.0541, 100.4318
YIQ	213.8410, -30.1690, 1.5990

# Conversions

## Conversions Part 2

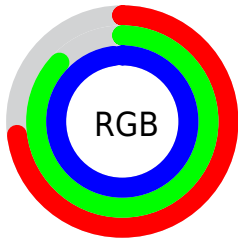
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	186, 209, 250
Decimal	12246522
CIE Lab	86.53, -5.16, -17.91
CIE LCh	87, 18.637, 253.925
Yxy	69.0541, 0.2721, 0.2966
Android (android.graphics.Color)	4290436602 (0xFFBADDFA)
YUV	213.8410, 17.8264, -24.4166
Hunter-Lab	83.0988, -9.3196, -13.4877

# Details

The Hex color **BADDFA** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FAD7BA**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **F3FFFF**, and **84A6C1** is the 20% darker color. If you saturate the color by 10%, you get **A1D2FA**, and if you desaturate by 10%, it is **D3E8FA**.

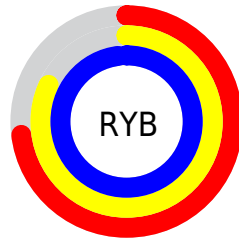
# Distribution



Red (73%)

Green (87%)

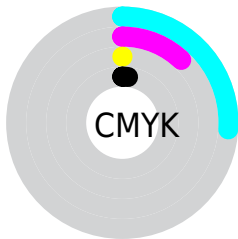
Blue (98%)



Red (73%)

Yellow (82%)

Blue (98%)

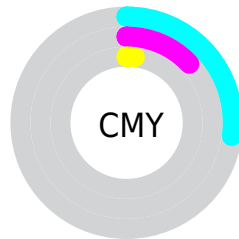


Cyan (26%)

Magenta (12%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (13%)

Yellow (2%)

# Brightness & Saturation Gradients

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



 BADDFA

 BADDFA

FFFFFF

 9EC1DD

 F3FFFF

 84A6C1

 698CA6

 50728C

 375A72

 1D425A

 002C42

 00182C

 000117

 BADDFA

 BADDFA

 A1D2FA

 D3E8FA

 88C6FA

 ECF4FA

 6FBBFA

 FFFFFA

 56B0FA

 3DA4FA

 2499FA

 0B8EFA

 0089FA

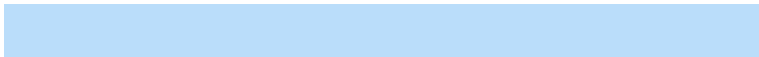
# Harmonies

## Analogous

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



ACE1F0



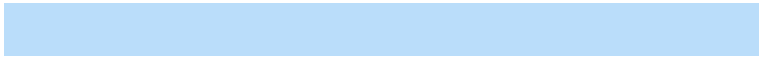
BADDFA



D0D7FB

# Triad

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



BADDFA



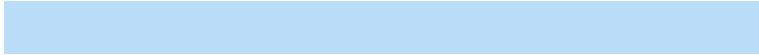
FECDD1



CADFBF

# Complementary

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



BADDFA



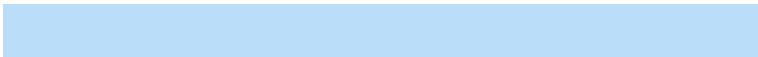
FAD7BA

# 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.



DEDAB6



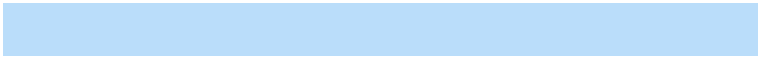
BADDFA



FBCFC1

# Square

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



BADDFA



F7CDE3



F0D4B7



B7E2CE

# Rectangle

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



BADDF4



DFD3F6



F0D4B7

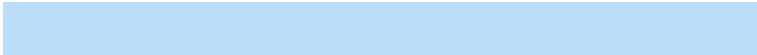


D0DEBB

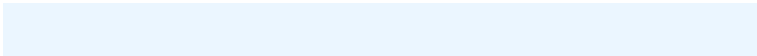


# Sweetspot

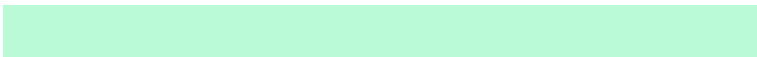
The Sweet Spot groups the original color and five complimentary colors.



BADDFA



EBF6FF



BAFAD7



737A80



000000

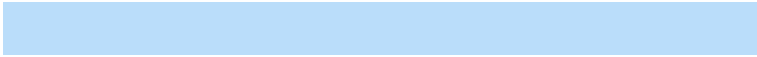


808080

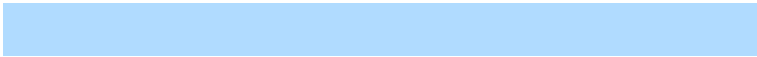


# Same Dimension

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



BADDDFA



B0DBFF



BABDFA



70777D



0067BD



00213D



# Inverse Universe

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



FABADD



FFB0DB



FAF7BA



7D7077



BD0067

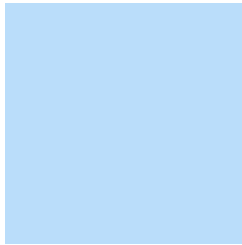


3D0021



# Previews

## White Background



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

## Color Contrast Check

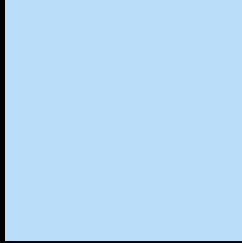
Large Text (above 18pt) WCAG AA × Fail

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 BADDFA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

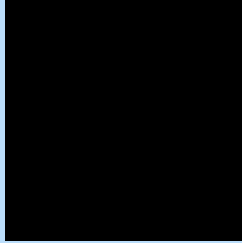
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

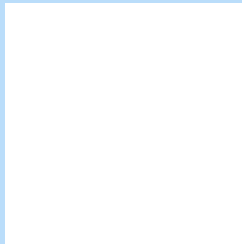
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BADDFA Background



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

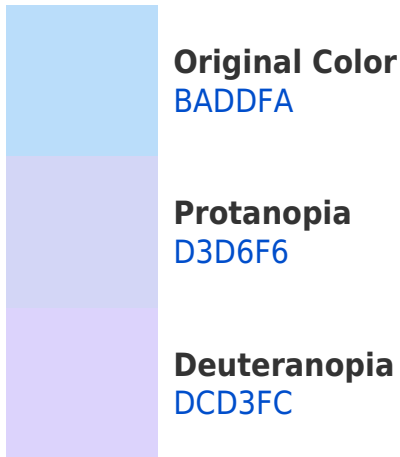


This preview shows how white text looks on a background with the Hex color BADDFA.

# 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](#).

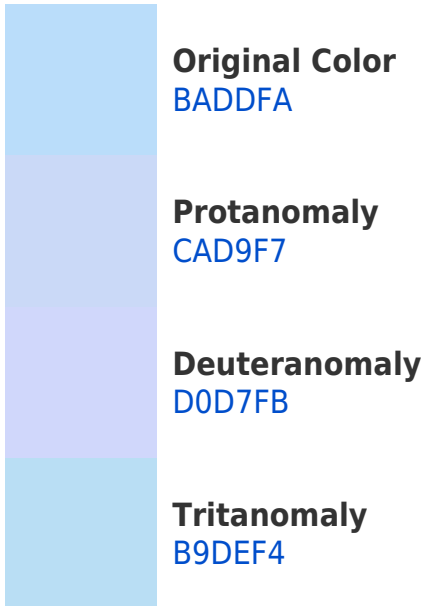
## Dichromacy



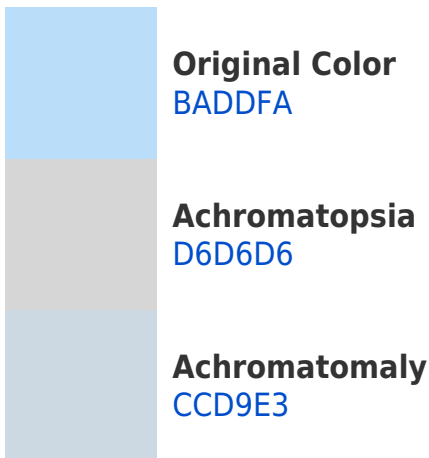


**Tritanopia**  
B8DFF0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #BADDFA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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