

# Converting Colors

Hex(BABDF4)

Have a look what the booklet for  
Hex(BABDF4) contains.

<b>Hex(BABDF4)</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(BABDF4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BABDF4
RGB	186, 189, 244
RGB Percent	73%, 74%, 96%
CMY	0.2706, 0.2588, 0.0431
CMYK	0.24, 0.23, 0.00, 0.04
HSL	237°, 73%, 84%
HSV	237°, 24%, 96%
XYZ	54.7764, 53.3659, 93.0016
YIQ	194.3730, -19.4430, 16.4690

# Conversions

## Conversions Part 2

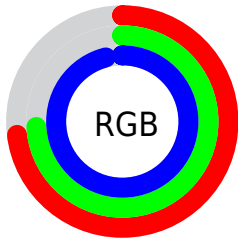
Format	Color
R <sub>Y</sub> B	186, 189, 244
Decimal	12238324
CIE Lab	78.09, 10.53, -27.54
CIE LCh	78, 29.480, 290.924
Yxy	53.3659, 0.2723, 0.2653
Android (android.graphics.Color)	4290428404 (0xFFBABDF4)
YUV	194.3730, 24.4661, -7.3431
Hunter-Lab	73.0520, 6.0033, -24.3449

# Details

The Hex color **BABDF4** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F4F1BA**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **F3F5FF**, and **8488BC** is the 20% darker color. If you saturate the color by 10%, you get **A2A6F4**, and if you desaturate by 10%, it is **D2D4F4**.

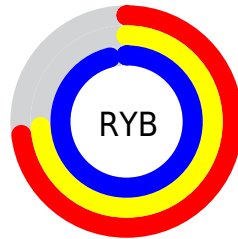
# Distribution



Red (73%)

Green (74%)

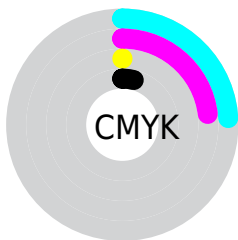
Blue (96%)



Red (73%)

Yellow (74%)

Blue (96%)

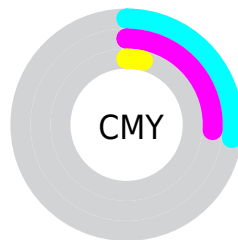


Cyan (24%)

Magenta (23%)

Yellow (0%)

Black (4%)



Cyan (27%)

Magenta (26%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BABDF4 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 BABDF4 by changing the saturation by 10% instead.



 BABDF4

 BABDF4

FFFFFF

 9FA2D7

 F3F5FF

 8488BC

 6A6FA1

 505686

 383F6D

 1F2954

 02153D

 000127

 000110

 BABDF4

 BABDF4

 A2A6F4

 D2D4F4

 898FF4

 EBEBF4

 7178F4

 FFFFF4

 5860F4

 4049F4

 2832F4

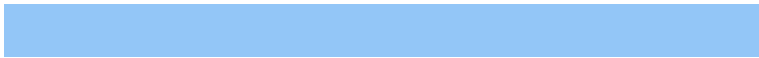
 0F1BF4

 000DF4

# Harmonies

## Analogous

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



93C6F7



BABDF4



DCB4E4

# Triad

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



BABDF4



F1B498



83D0B8

# Complementary

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



BABDF4



F4F1BA

# 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.



A2CC9E



BABDF4



DDBC8B

# Square

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



BABDF4



F9AEAF



C1C58E



70D0D4

# Rectangle

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



BABDF4



ECAFD4



C1C58E



8DCFAE



# Sweetspot

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



BABDF4



EDEEFF



BAF4F0



757680



000000



808080



# Same Dimension

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



BABDF4



B5B9FF



D3BAF4



6E6F7A



000ABA



00033B



# Inverse Universe

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



F4BABD



FFB5B9



DBF4BA



7A6E6F



BA000A

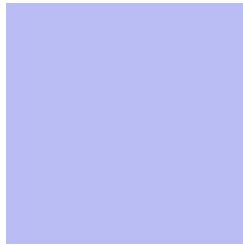


3B0003



# Previews

## White Background



This preview shows how the Hex color BABDF4 looks on a white background.

## Color Contrast Check

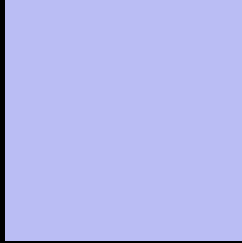
Large Text (above 18pt) WCAG AA × Fail

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 BABDF4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

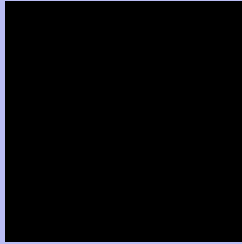
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BABDF4 Background



This preview shows how black text looks on a background with the Hex color BABDF4.



This preview shows how white text looks on a background with the Hex color BABDF4.

# 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



**Original Color**  
BABDF4

**Protanopia**  
B3BFF5

**Deuteranopia**  
B9BDF4



**Tritanopia**  
B4C3D3

# Trichromacy



**Original Color**  
BABDF4

**Protanomaly**  
B6BEF5

**Deuteranomaly**  
B9BDF4

**Tritanomaly**  
B6C1DF

# Monochromacy



**Original Color**  
BABDF4

**Achromatopsia**  
C2C2C2

**Achromatomaly**  
BFC0D4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BABDF4 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 #BABDF4 looks like.

```
.text, #text, p{  
    color:#BABDF4  
}
```

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 #BABDF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BABDF4
}
```

## Border

The CSS property to change the border of an element to Hex BABDF4 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
#BABDF4 }
```

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

```
.border{ border-color:#BABDF4 }
```

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

Here you see how a box with a 4 pixel #BABDF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BABDF4; -webkit-box-shadow:4px 4px  
4px 4px #BABDF4; box-shadow:4px 4px 4px  
4px #BABDF4 }
```

# Background

The CSS property to change the background color of an element to Hex BABDF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BABDF4 }
```

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

```
.background{ background-color:#BABDF4 }
```

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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