

# Converting Colors

Hex(B6AFC8)

Have a look what the booklet for  
Hex(B6AFC8) contains.

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# **Color**

**Hex(B6AFC8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6AFC8
RGB	182, 175, 200
RGB Percent	71%, 69%, 78%
CMY	0.2863, 0.3137, 0.2157
CMYK	0.09, 0.12, 0.00, 0.22
HSL	257°, 19%, 74%
HSV	257°, 12%, 78%
XYZ	45.0467, 44.7752, 60.9118
YIQ	179.9430, -3.8530, 9.2590

# Conversions

## Conversions Part 2

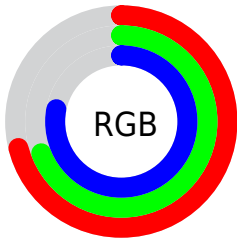
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 175, 200
Decimal	11972552
CIE Lab	72.74, 7.32, -11.79
CIE LCh	73, 13.875, 301.827
Yxy	44.7752, 0.2988, 0.2970
Android (android.graphics.Color)	4290162632 (0xFFB6AFC8)
YUV	179.9430, 9.8881, 1.8040
Hunter-Lab	66.9142, 3.0664, -7.1315

# Details

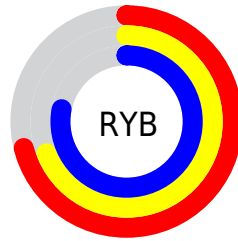
The Hex color **B6AFC8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C1C8AF**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **EEE7FF**, and **817B92** is the 20% darker color. If you saturate the color by 10%, you get **A89BC8**, and if you desaturate by 10%, it is **C4C3C8**.

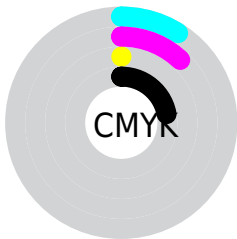
# Distribution



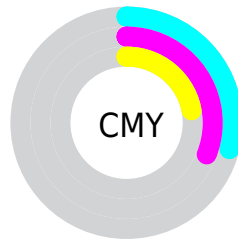
- Red (71%)
- Green (69%)
- Blue (78%)



- Red (71%)
- Yellow (69%)
- Blue (78%)



- Cyan (9%)
- Magenta (12%)
- Yellow (0%)
- Black (22%)



- Cyan (29%)
- Magenta (31%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6AFC8 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 B6AFC8 by changing the saturation by 10% instead.



 B6AFC8

 B6AFC8

FFFFFF

 9B94AD

 EEE7FF

 817B92

 686278

 504A60

 393348

 231E31

 0F051D

 000000

 B6AFC8

 B6AFC8

 A89BC8

 C4C3C8

 9987C8

 D3D7C8

 8B73C8

 E1EBC8

 7C5FC8

 F0FFC8

 6E4BC8

 FEFFC8

 6037C8

 FFFFC8

 5123C8

 430FC8

 3800C8

# Harmonies

## Analogous

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



A6B3CC



B6AFC8



C4ABBF

# Triad

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



B6AFC8



C7AE9D



95BAB3

# Complementary

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



B6AFC8



C1C8AF

# 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.



A0B9A6



B6AFC8



BCB299

# Square

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



B6AFC8



CDABA6



AEB69D



92B9BF

# Rectangle

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



B6AFC8



CAAAB6



AEB69D



98BAAE



# Sweetspot

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



B6AFC8



F8F5FF



AFC1C8



7B7980



000000



808080



# Same Dimension

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



B6AFC8



E3D9FF



C2AFC8



5C5A63



2E00A3



0A0024



# Inverse Universe

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



C8AFC1



FFD9F4



B5C8AF



635A61



A30076

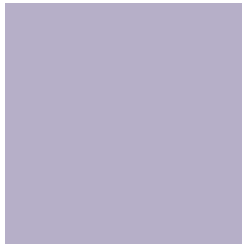


24001A



# Previews

## White Background



This preview shows how the Hex color B6AFC8 looks on a white background.

## Color Contrast Check

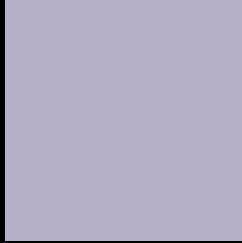
Large Text (above 18pt) WCAG AA × Fail

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 B6AFC8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

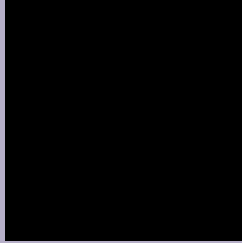
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B6AFC8 Background



This preview shows how black text looks on a background with the Hex color B6AFC8.



This preview shows how white text looks on a background with the Hex color B6AFC8.

# 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**  
B6AFC8

**Protanopia**  
AFB1C9

**Deuteranopia**  
BAAEC8



**Tritanopia**  
B4B1BF

# Trichromacy



**Original Color**  
B6AFC8

**Protanomaly**  
B2B0C9

**Deuteranomaly**  
B9AEC8

**Tritanomaly**  
B5B0C2

# Monochromacy



**Original Color**  
B6AFC8

**Achromatopsia**  
B4B4B4

**Achromatomaly**  
B5B2BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6AFC8 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 #B6AFC8 looks like.

```
.text, #text, p{  
    color:#B6AFC8  
}
```

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 #B6AFC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6AFC8
}
```

## Border

The CSS property to change the border of an element to Hex B6AFC8 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
#B6AFC8 }
```

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

```
.border{ border-color:#B6AFC8 }
```

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

Here you see how a box with a 4 pixel #B6AFC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6AFC8; -webkit-box-shadow:4px 4px  
4px 4px #B6AFC8; box-shadow:4px 4px 4px  
4px #B6AFC8 }
```

# Background

The CSS property to change the background color of an element to Hex B6AFC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6AFC8 }
```

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

```
.background{ background-color:#B6AFC8 }
```

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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