

# Converting Colors

Hex(B6A7E6)

Have a look what the booklet for  
Hex(B6A7E6) contains.

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# **Color**

**Hex(B6A7E6)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | B6A7E6                      |
| RGB         | 182, 167, 230               |
| RGB Percent | 71%, 65%, 90%               |
| CMY         | 0.2863, 0.3451, 0.0980      |
| CMYK        | 0.21, 0.27, 0.00, 0.10      |
| HSL         | 254°, 56%, 78%              |
| HSV         | 254°, 27%, 90%              |
| XYZ         | 47.3930, 43.2957, 80.7219   |
| YIQ         | 178.6670, -11.2830, 22.7730 |

# Conversions

## Conversions Part 2

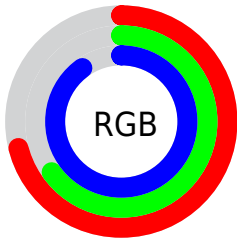
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 182, 167, 230                 |
| Decimal                             | 11970534                      |
| CIE <sub>Lab</sub>                  | 71.76, 18.23, -29.71          |
| CIE <sub>LCh</sub>                  | 72, 34.858, 301.536           |
| Yxy                                 | 43.2957, 0.2765,<br>0.2526    |
| Android<br>(android.graphics.Color) | 4290160614<br>(0xFFB6A7E6)    |
| YUV                                 | 178.6670, 25.3072,<br>2.9230  |
| Hunter-Lab                          | 65.7995, 13.4183,<br>-26.6766 |

# Details

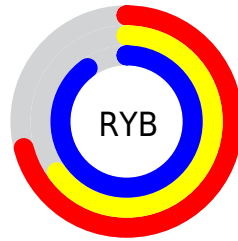
The Hex color **B6A7E6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D7E6A7**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **EFDEFF**, and **8073AE** is the 20% darker color. If you saturate the color by 10%, you get **A490E6**, and if you desaturate by 10%, it is **C8BEE6**.

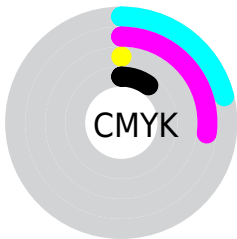
# Distribution



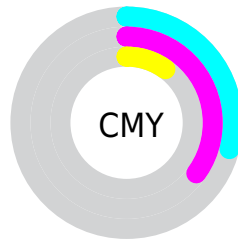
- Red (71%)
- Green (65%)
- Blue (90%)



- Red (71%)
- Yellow (65%)
- Blue (90%)



- Cyan (21%)
- Magenta (27%)
- Yellow (0%)
- Black (10%)



- Cyan (29%)
- Magenta (35%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6A7E6 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 B6A7E6 by changing the saturation by 10% instead.



 B6A7E6

 B6A7E6

FFFFFF

 9B8DCA

 EFDEFF

 8073AE

 FFFBFF

 665A93

 4D4379

 352D60

 1C1848

 080032

 00011C

 000000

 B6A7E6


 B6A7E6

 A490E6

 C8BEE6

 9379E6

 D9D5E6

 8162E6

 EBCECE6

 704BE6

 FCFFE6

 5E34E6

 FFFFE6

 4D1DE6

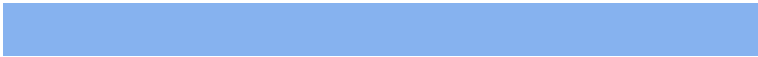
 3B06E6

 3700E6

# Harmonies

## Analogous

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



86B2EF



B6A7E6



DA9DCF

# Triad

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



B6A7E6



DEA379



56C1B0

# Complementary

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



B6A7E6



D7E6A7

# 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.



7DBE90



B6A7E6



C4AE70

# Square

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



B6A7E6



ED9A90



A2B879



3DC0D0

# Rectangle

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



B6A7E6



E898BA



A2B879



63C1A5



# Sweetspot

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



B6A7E6



EFE8FF



A7D7E6



767380



000000



808080



# Same Dimension

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



B6A7E6



BFABFF



D5A7E6



6A6773



2A00B3



0C0033



# Inverse Universe

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



E6A7D7



FFABEB



B8E6A7



736770



B30088

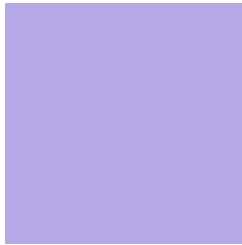


330027



# Previews

## White Background



This preview shows how the Hex color B6A7E6 looks on a white background.

## Color Contrast Check

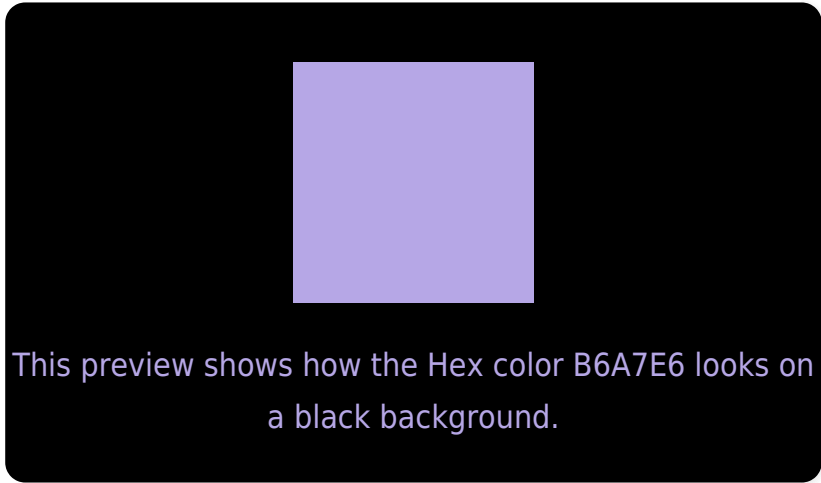
Large Text (above 18pt) WCAG AA × Fail

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 B6A7E6 Background



This preview shows how black text looks on a background with the Hex color B6A7E6.

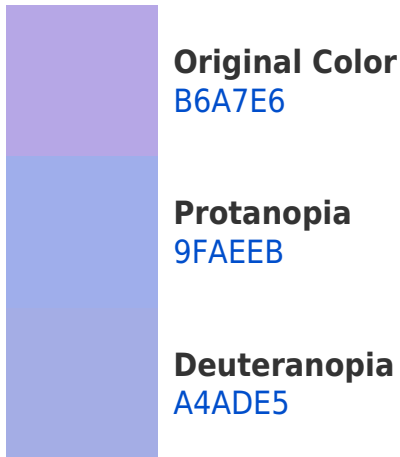


This preview shows how white text looks on a background with the Hex color B6A7E6.

# Color Blindness Simulation

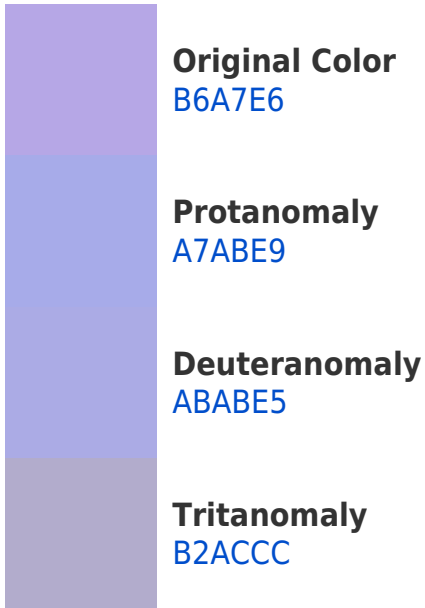
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

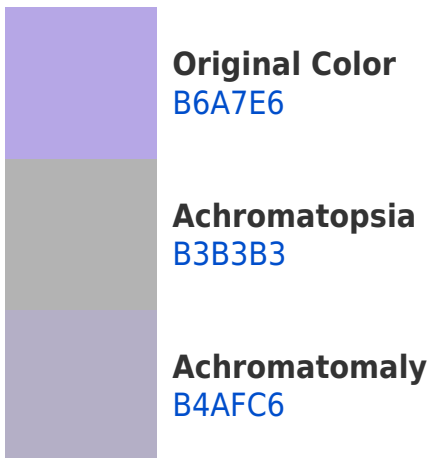




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6A7E6 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 #B6A7E6 looks like.

```
.text, #text, p{  
    color:#B6A7E6  
}
```

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 #B6A7E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6A7E6
}
```

## Border

The CSS property to change the border of an element to Hex B6A7E6 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
#B6A7E6 }
```

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

```
.border{ border-color:#B6A7E6 }
```

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

Here you see how a box with a 4 pixel #B6A7E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6A7E6; -webkit-box-shadow:4px 4px  
4px 4px #B6A7E6; box-shadow:4px 4px 4px  
4px #B6A7E6 }
```

# Background

The CSS property to change the background color of an element to Hex B6A7E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6A7E6 }
```

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

```
.background{ background-color:#B6A7E6 }
```

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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