

# Converting Colors

Hex(B4B4E2)

Have a look what the booklet for  
Hex(B4B4E2) contains.

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# Color

**Hex(B4B4E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4B4E2
RGB	180, 180, 226
RGB Percent	71%, 71%, 89%
CMY	0.2941, 0.2941, 0.1137
CMYK	0.20, 0.20, 0.00, 0.11
HSL	240°, 44%, 80%
HSV	240°, 20%, 89%
XYZ	48.8711, 47.8368, 78.6091
YIQ	185.2440, -14.7660, 14.3060

# Conversions

## Conversions Part 2

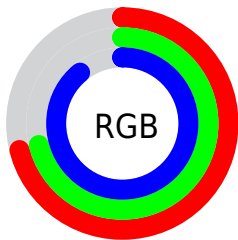
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	180, 180, 226
Decimal	11842786
CIE Lab	74.72, 9.52, -23.00
CIE LCh	75, 24.895, 292.492
Yxy	47.8368, 0.2788, 0.2729
Android (android.graphics.Color)	4290032866 (0xFFB4B4E2)
YUV	185.2440, 20.0927, -4.5990
Hunter-Lab	69.1642, 5.0901, -18.9717

# Details

The Hex color **B4B4E2** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E2E2B4**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **ECECFF**, and **7F7FAB** is the 20% darker color. If you saturate the color by 10%, you get **9D9DE2**, and if you desaturate by 10%, it is **CBCBE2**.

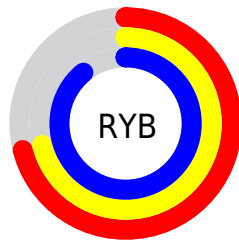
# Distribution



Red (71%)

Green (71%)

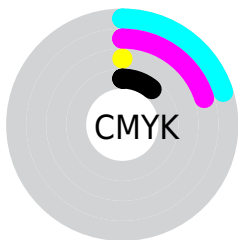
Blue (89%)



Red (71%)

Yellow (71%)

Blue (89%)

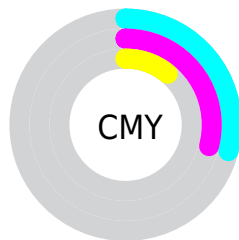


Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (11%)



Cyan (29%)

Magenta (29%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4B4E2 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 B4B4E2 by changing the saturation by 10% instead.



 B4B4E2

 B4B4E2

FFFFFF

 9999C6

 ECECFE

 7F7FAB

 656690

 4C4E76

 34385D

 1D2246

 060D2F

 00011A

 000000

 B4B4E2

 B4B4E2

 9D9DE2

 CBCBE2

 8787E2

 E1E1E2

 7070E2

 F8F8E2

 5A5AE2

 FFFFE2

 4343E2

 2C2CE2

 1616E2

 0000E2

# Harmonies

## Analogous

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



95BCE5



B4B4E2



D0ACD4

# Triad

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



B4B4E2



E0AD94



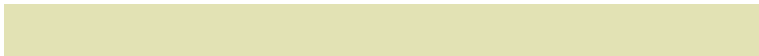
84C5B1

# Complementary

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



B4B4E2



E2E2B4

# 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.



9CC19B



B4B4E2



CEB48B

# Square

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



B4B4E2



E7A8A7



B7BC8D



77C5C9

# Rectangle

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



B4B4E2



DDA9C6



B7BC8D



8CC4A9



# Sweetspot

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



B4B4E2



F0F0FF



B4E2E2



777780



000000



808080



# Same Dimension

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



B4B4E2



C2C2FF



CBB4E2



656570



0000B0



000030



# Inverse Universe

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



E2B4E2



FFC2FF



CBE2B4



706570



B000B0

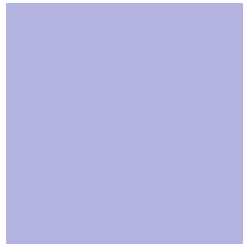


300030



# Previews

## White Background



This preview shows how the Hex color B4B4E2 looks on a white background.

## Color Contrast Check

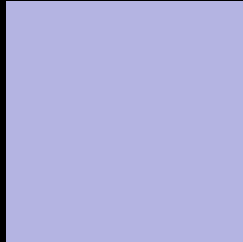
Large Text (above 18pt) WCAG AA × Fail

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 B4B4E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

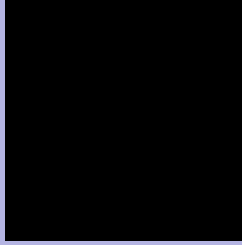
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B4B4E2 Background



This preview shows how black text looks on a background with the Hex color B4B4E2.



This preview shows how white text looks on a background with the Hex color B4B4E2.

# 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**  
B4B4E2

**Protanopia**  
ADB6E3

**Deuteranopia**  
B4B4E2



**Tritanopia**  
AFB9C7

# Trichromacy



**Original Color**  
B4B4E2

**Protanomaly**  
B0B5E3

**Deuteranomaly**  
B4B4E2

**Tritanomaly**  
B1B7D1

# Monochromacy



**Original Color**  
B4B4E2

**Achromatopsia**  
B9B9B9

**Achromatomaly**  
B7B7C8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4B4E2 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 #B4B4E2 looks like.

```
.text, #text, p{  
    color:#B4B4E2  
}
```

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 #B4B4E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4B4E2
}
```

## Border

The CSS property to change the border of an element to Hex B4B4E2 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
#B4B4E2 }
```

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

```
.border{ border-color:#B4B4E2 }
```

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

Here you see how a box with a 4 pixel #B4B4E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4B4E2; -webkit-box-shadow:4px 4px  
4px 4px #B4B4E2; box-shadow:4px 4px 4px  
4px #B4B4E2 }
```

# Background

The CSS property to change the background color of an element to Hex B4B4E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4B4E2 }
```

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

```
.background{ background-color:#B4B4E2 }
```

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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