

# Converting Colors

Hex(B6A4E1)

Have a look what the booklet for  
Hex(B6A4E1) contains.

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# Color

**Hex(B6A4E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6A4E1
RGB	182, 164, 225
RGB Percent	71%, 64%, 88%
CMY	0.2863, 0.3569, 0.1176
CMYK	0.19, 0.27, 0.00, 0.12
HSL	258°, 50%, 76%
HSV	258°, 27%, 88%
XYZ	46.1575, 41.9322, 76.8951
YIQ	176.3360, -8.8530, 22.7870

# Conversions

## Conversions Part 2

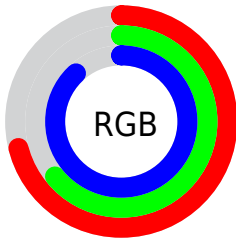
Format	Color
R <sub>Y</sub> B	182, 164, 225
Decimal	11969761
CIE Lab	70.82, 18.77, -28.41
CIE LCh	71, 34.048, 303.452
Yxy	41.9322, 0.2798, 0.2542
Android (android.graphics.Color)	4290159841 (0xFFB6A4E1)
YUV	176.3360, 23.9914, 4.9673
Hunter-Lab	64.7551, 13.9134, -25.0769

# Details

The Hex color **B6A4E1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CFE1A4**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **EFDBFF**, and **8070AA** is the 20% darker color. If you saturate the color by 10%, you get **A68EE1**, and if you desaturate by 10%, it is **C6BBE1**.

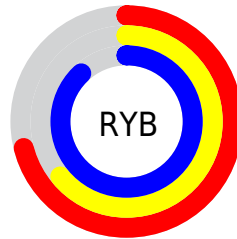
# Distribution



Red (71%)

Green (64%)

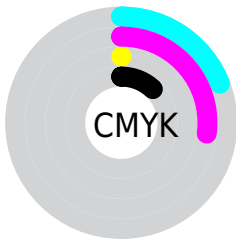
Blue (88%)



Red (71%)

Yellow (64%)

Blue (88%)

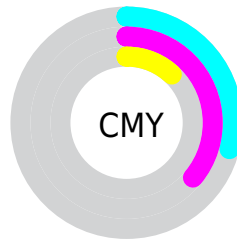


Cyan (19%)

Magenta (27%)

Yellow (0%)

Black (12%)



Cyan (29%)

Magenta (36%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6A4E1 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 B6A4E1 by changing the saturation by 10% instead.



 B6A4E1

 B6A4E1

FFFFFF

 9B8AC5

 EFDBFF

 8070AA

 FFF8FF

 66588F

 4D4075

 352A5C

 1D1544

 0B002E

 000118

 000000

 B6A4E1

 B6A4E1

 A68EE1

 C6BBE1

 9677E1

 D6D1E1

 8661E1

 E6E8E1

 774AE1

 F5FEE1

 6734E1

 FFFFE1

 571DE1

 4707E1

 4200E1

# Harmonies

## Analogous

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



88AFEB



B6A4E1



D89ACA

# Triad

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



B6A4E1



D9A277



54BEB0

# Complementary

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



B6A4E1



CFE1A4

# 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.



79BC91



B6A4E1



BFAD6F

# Square

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



B6A4E1



E9998D



9EB679



3FBDCE

# Rectangle

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



B6A4E1



E596B5



9EB679



60BEA5



# Sweetspot

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



B6A4E1



F1EBFF



A4D0E1



777380



000000



808080



# Same Dimension

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



B6A4E1



C4ABFF



D4A4E1



686570



3400B0



0E0030



# Inverse Universe

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



E1A4CF



FFABE6



B1E1A4



70656D



B0007C

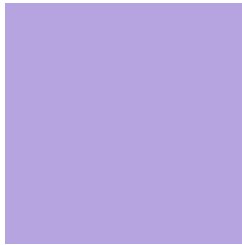


300022



# Previews

## White Background



This preview shows how the Hex color B6A4E1 looks on a white background.

## Color Contrast Check

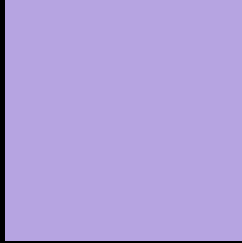
Large Text (above 18pt) WCAG AA × Fail

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 B6A4E1 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 B6A4E1 Background



This preview shows how black text looks on a background with the Hex color B6A4E1.

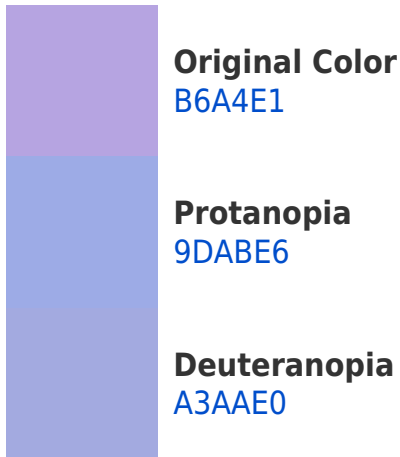


This preview shows how white text looks on a background with the Hex color B6A4E1.

# Color Blindness Simulation

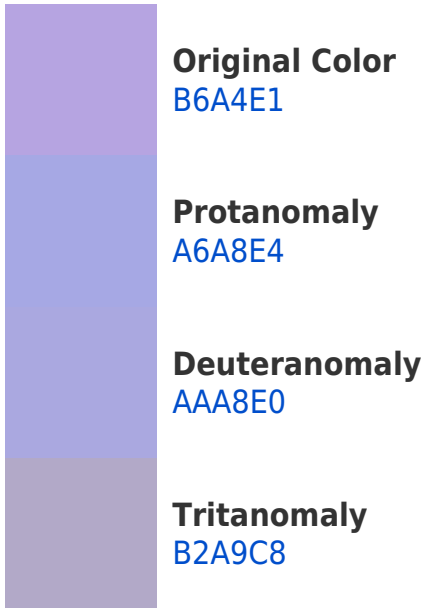
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

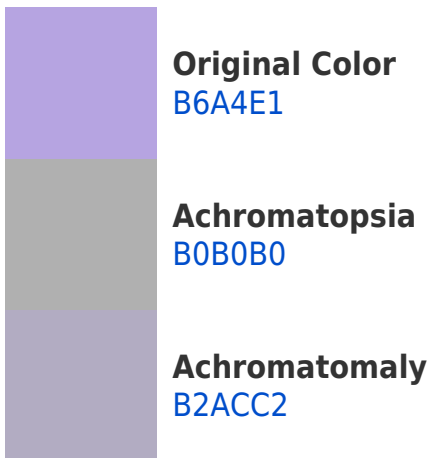




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6A4E1 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 #B6A4E1 looks like.

```
.text, #text, p{  
    color:#B6A4E1  
}
```

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 #B6A4E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6A4E1
}
```

## Border

The CSS property to change the border of an element to Hex B6A4E1 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
#B6A4E1 }
```

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

```
.border{ border-color:#B6A4E1 }
```

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

Here you see how a box with a 4 pixel #B6A4E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6A4E1; -webkit-box-shadow:4px 4px  
4px 4px #B6A4E1; box-shadow:4px 4px 4px  
4px #B6A4E1 }
```

# Background

The CSS property to change the background color of an element to Hex B6A4E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6A4E1 }
```

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

```
.background{ background-color:#B6A4E1 }
```

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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