

Converting Colors

Hex(B4A6E9)

Have a look what the booklet for
Hex(B4A6E9) contains.

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Color

Hex(B4A6E9)

Conversions

Conversions Part 1

Format	Color
Hex	B4A6E9
RGB	180, 166, 233
RGB Percent	71%, 65%, 91%
CMY	0.2941, 0.3490, 0.0863
CMYK	0.23, 0.29, 0.00, 0.09
HSL	253°, 60%, 78%
HSV	253°, 29%, 91%
XYZ	47.1666, 42.8589, 82.8774
YIQ	177.8240, -13.1630, 23.8050

Conversions

Conversions Part 2

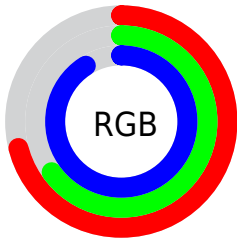
Format	Color
RYB	180, 166, 233
Decimal	11839209
CIELab	71.46, 18.88, -31.82
CIELCh	71, 36.995, 300.678
Yxy	42.8589, 0.2728, 0.2479
Android (android.graphics.Color)	4290029289 (0xFFB4A6E9)
YUV	177.8240, 27.2018, 1.9084
Hunter-Lab	65.4667, 14.0365, -29.2313

Details

The Hex color **B4A6E9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DBE9A6**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **EDDDFE**, and **7E72B1** is the 20% darker color. If you saturate the color by 10%, you get **A28FE9**, and if you desaturate by 10%, it is **C6BDE9**.

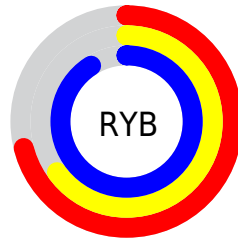
Distribution



Red (71%)

Green (65%)

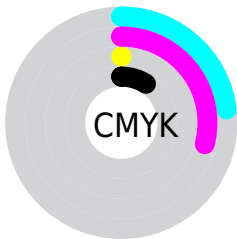
Blue (91%)



Red (71%)

Yellow (65%)

Blue (91%)

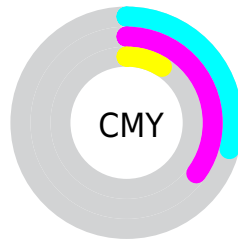


Cyan (23%)

Magenta (29%)

Yellow (0%)

Black (9%)



Cyan (29%)

Magenta (35%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4A6E9 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 B4A6E9 by changing the saturation by 10% instead.



B4A6E9



B4A6E9

FFFFFF



998CCD



EDDDFF



7E72B1



FFFAFF



645A96



4B427C



322C63



19174B



040034



00021E



000000

 B4A6E9

 B4A6E9

 A28FE9

 C6BDE9

 8F77E9

 D9D5E9

 7D60E9

 EBCECE9

 6A49E9

 FEFFE9

 5832E9

 FFFFE9

 451AE9

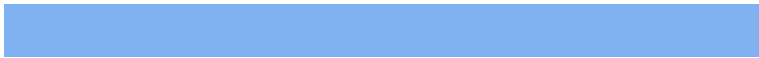
 3303E9

 3100E9

Harmonies

Analogous

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



80B2F2



B4A6E9



DA9BD1

Triad

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



B4A6E9



E0A275



4DC1AF

Complementary

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



B4A6E9



DBE9A6

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.



79BE8D



B4A6E9



C5AD6B

Square

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



B4A6E9



F0988E



A1B774



2AC0D0

Rectangle

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



B4A6E9



EA96BB



A1B774



5CC1A3

Sweetspot

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



B4A6E9



EDE8FF



A6DCE9



747180



000000



808080

Same Dimension

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



B4A6E9



B8A6FF



D5A6E9



6C6A75



2600B5



0B0036

Inverse Universe

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



E9A6DB



FFA6EC



BAE9A6



756A73



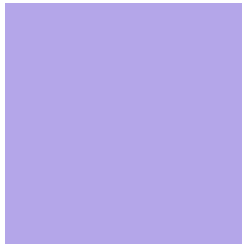
B5008F



36002A

Previews

White Background



This preview shows how the Hex color B4A6E9 looks on a white background.

Color Contrast Check

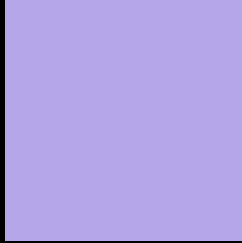
Large Text (above 18pt) WCAG AA × Fail

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 B4A6E9 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 B4A6E9 Background



This preview shows how black text looks on a background with the Hex color B4A6E9.

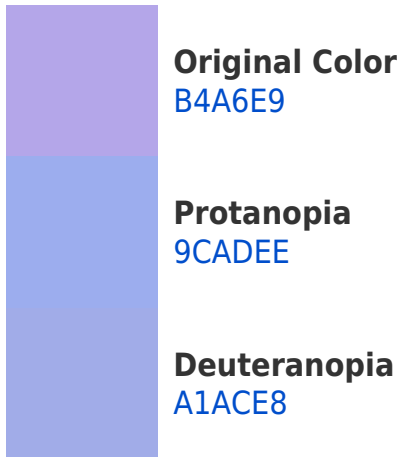


This preview shows how white text looks on a background with the Hex color B4A6E9.

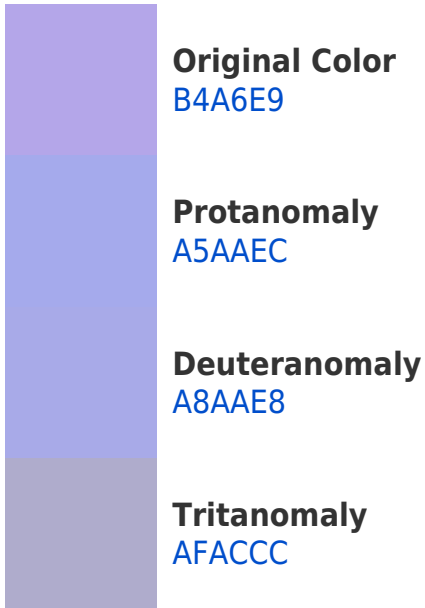
Color Blindness Simulation

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](#).

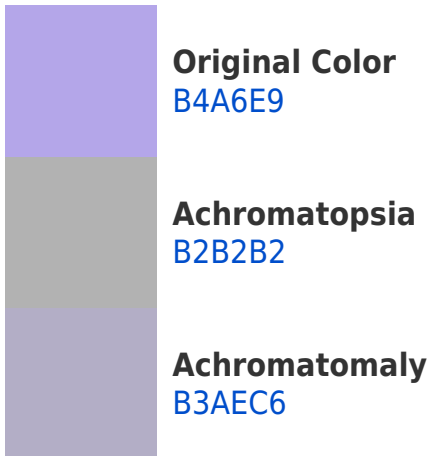
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4A6E9 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 #B4A6E9 looks like.

```
.text, #text, p{  
    color:#B4A6E9  
}
```

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 #B4A6E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4A6E9
}
```

Border

The CSS property to change the border of an element to Hex B4A6E9 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
#B4A6E9 }
```

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

```
.border{ border-color:#B4A6E9 }
```

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

Here you see how a box with a 4 pixel #B4A6E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4A6E9; -webkit-box-shadow:4px 4px  
4px 4px #B4A6E9; box-shadow:4px 4px 4px  
4px #B4A6E9 }
```

Background

The CSS property to change the background color of an element to Hex B4A6E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4A6E9 }
```

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

```
.background{ background-color:#B4A6E9 }
```

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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