

Converting Colors

Hex(B5CAE9)

Have a look what the booklet for
Hex(B5CAE9) contains.

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Color

Hex(B5CAE9)

Conversions

Conversions Part 1

Format	Color
Hex	B5CAE9
RGB	181, 202, 233
RGB Percent	71%, 79%, 91%
CMY	0.2902, 0.2078, 0.0863
CMYK	0.22, 0.13, 0.00, 0.09
HSL	216°, 54%, 81%
HSV	216°, 22%, 91%
XYZ	54.8846, 57.9480, 85.3832
YIQ	199.2550, -22.4670, 5.1890

Conversions

Conversions Part 2

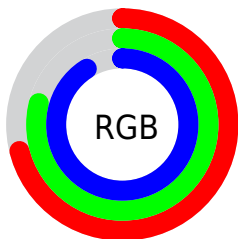
Format	Color
R_{YB}	181, 196, 233
Decimal	11913961
CIE _{Lab}	80.71, -0.49, -17.69
CIE _{LCh}	81, 17.697, 268.419
Yxy	57.9480, 0.2769, 0.2923
Android (android.graphics.Color)	4290104041 (0xFFB5CAE9)
YUV	199.2550, 16.6363, -16.0096
Hunter-Lab	76.1236, -4.5191, -13.2154

Details

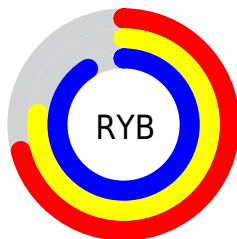
The Hex color **B5CAE9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E9D4B5**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **EDFFFF**, and **7F94B1** is the 20% darker color. If you saturate the color by 10%, you get **9EBCE9**, and if you desaturate by 10%, it is **CCD8E9**.

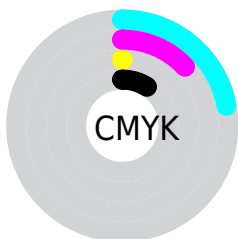
Distribution



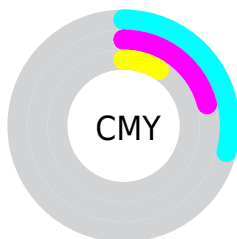
- Red (71%)
- Green (79%)
- Blue (91%)



- Red (71%)
- Yellow (77%)
- Blue (91%)



- Cyan (22%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (29%)
- Magenta (21%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5CAE9 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 B5CAE9 by changing the saturation by 10% instead.

 B5CAE9

 B5CAE9

FFFFFF

 9AAFCB

 EDFFFF

 7F94B1

 667A97

 4D627D

 354A64

 1D334C

 031E35

 000520

 000004

 B5CAE9

 B5CAE9

 9EBCE9

 CCD8E9

 86AEE9

 E4E6E9

 6FA0E9

 FBF4E9

 5892E9

 FFFFE9

 4185E9

 2977E9

 1269E9

 005EE9

Harmonies

Analogous

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



A4CFE4



B5CAE9



CAC4E5

Triad

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



B5CAE9



EBBEB9



B1D0B7

Complementary

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



B5CAE9



E9D4B5

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.



C4CCAB



B5CAE9



E4C2AD

Square

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



B5CAE9



E9BDCA



D6C7A7



A3D2C7

Rectangle

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



B5CAE9



D8C1DE



D6C7A7



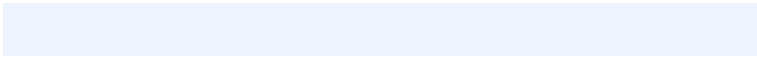
B8CFB2

Sweetspot

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



B5CAE9



EDF4FF



B5E9D3



757980



000000



808080

Same Dimension

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



B5CAE9



BAD6FF



B9B5E9



6A6E75



0049B5



001636

Inverse Universe

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



E9B5CA



FFBAD6



E5E9B5



756A6E



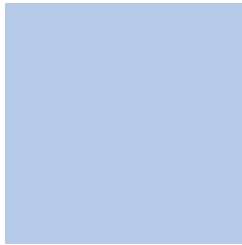
B50049



360016

Previews

White Background



This preview shows how the Hex color B5CAE9 looks on a white background.

Color Contrast Check

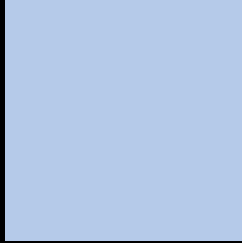
Large Text (above 18pt) WCAG AA × Fail

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 B5CAE9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

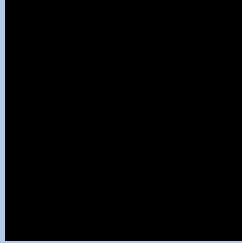
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

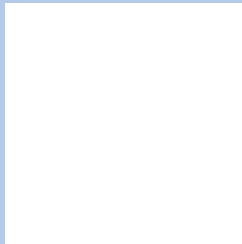
Any Text WCAG AAA ✓ Pass

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

Hex B5CAE9 Background



This preview shows how black text looks on a background with the Hex color B5CAE9.

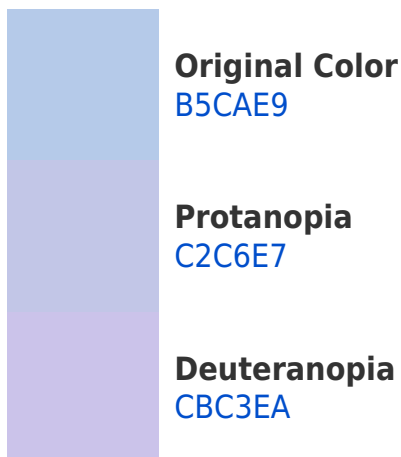


This preview shows how white text looks on a background with the Hex color B5CAE9.

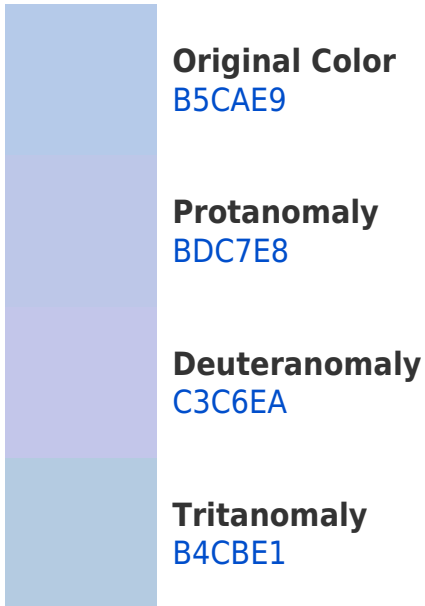
Color Blindness Simulation

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](#).

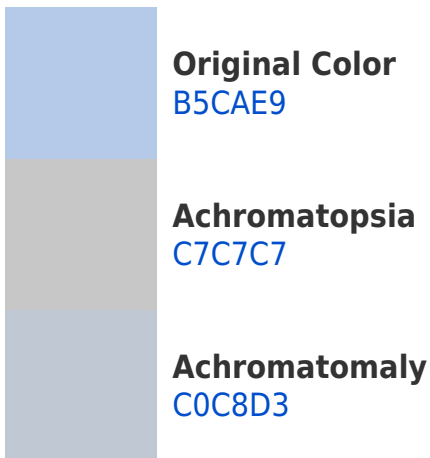
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5CAE9 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 #B5CAE9 looks like.

```
.text, #text, p{  
    color:#B5CAE9  
}
```

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 #B5CAE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5CAE9
}
```

Border

The CSS property to change the border of an element to Hex B5CAE9 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
#B5CAE9 }
```

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

```
.border{ border-color:#B5CAE9 }
```

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

Here you see how a box with a 4 pixel #B5CAE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5CAE9; -webkit-box-shadow:4px 4px  
4px 4px #B5CAE9; box-shadow:4px 4px 4px  
4px #B5CAE9 }
```

Background

The CSS property to change the background color of an element to Hex B5CAE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5CAE9 }
```

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

```
.background{ background-color:#B5CAE9 }
```

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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