

Converting Colors

Hex(B3CAE5)

Have a look what the booklet for
Hex(B3CAE5) contains.

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Color

Hex(B3CAE5)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B3CAE5 |
| RGB | 179, 202, 229 |
| RGB Percent | 70%, 79%, 90% |
| CMY | 0.2980, 0.2078, 0.1020 |
| CMYK | 0.22, 0.12, 0.00, 0.10 |
| HSL | 212°, 49%, 80% |
| HSV | 212°, 22%, 90% |
| XYZ | 53.8538, 57.4819, 82.3855 |
| YIQ | 198.2010, -22.3750, 3.5210 |

Conversions

Conversions Part 2

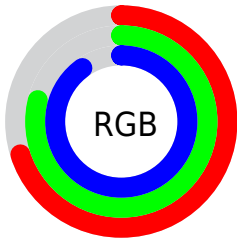
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 179, 195, 229 |
| Decimal | 11782885 |
| CIE Lab | 80.45, -1.99, -15.95 |
| CIE LCh | 80, 16.078, 262.888 |
| Yxy | 57.4819, 0.2780, 0.2967 |
| Android (android.graphics.Color) | 4289972965 (0xFFB3CAE5) |
| YUV | 198.2010, 15.1839, -16.8393 |
| Hunter-Lab | 75.8168, -5.8883, -11.3550 |

Details

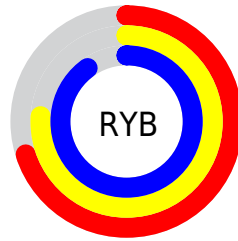
The Hex color **B3CAE5** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E5CEB3**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **EBFFFF**, and **7D94AE** is the 20% darker color. If you saturate the color by 10%, you get **9CBEE5**, and if you desaturate by 10%, it is **CAD6E5**.

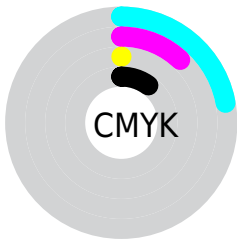
Distribution



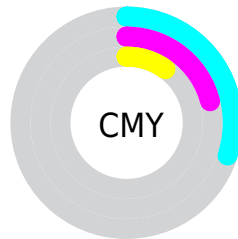
- Red (70%)
- Green (79%)
- Blue (90%)



- Red (70%)
- Yellow (76%)
- Blue (90%)



- Cyan (22%)
- Magenta (12%)
- Yellow (0%)
- Black (10%)



- Cyan (30%)
- Magenta (21%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3CAE5 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 B3CAE5 by changing the saturation by 10% instead.

 B3CAE5

 B3CAE5

FFFFFF

 98AFC9

 EBFFFF

 7D94AE

 647A93

 4B6279

 334A60

 1B3348

 021E32

 00051D

 000000

 B3CAE5

 B3CAE5

 9CBEE5

 CAD6E5

 85B1E5

 E1E3E5

 6EA5E5

 F8EFE5

 5799E5

 FFFBE5

 408CE5

 FFFFE5

 2A80E5

 1373E5

 0069E5

Harmonies

Analogous

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



A5CEDF



B3CAE5



C6C5E3

Triad

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



B3CAE5



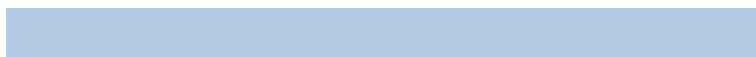
E8BEBD



B6CEB5

Complementary

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



B3CAE5



E5CEB3

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.



C7CAAC



B3CAE5



E3C1B0

Square

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



B3CAE5



E4BECC



D7C5AA



A8D0C3

Rectangle

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



B3CAE5



D2C2DE



D7C5AA



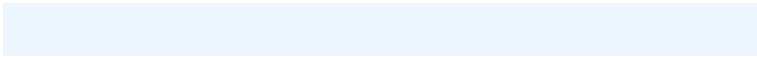
BCCDB1

Sweetspot

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



B3CAE5



EDF5FF



B3E5CE



757A80



000000



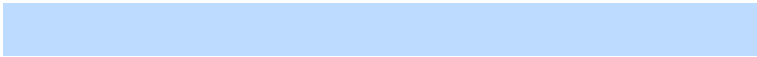
808080

Same Dimension

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



B3CAE5



BDDBFF



B5B3E5



676D73



0052B3



001733

Inverse Universe

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



E5B3CA



FFBDDDB



E3E5B3



73676D



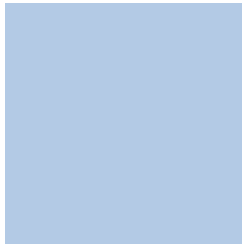
B30052



330017

Previews

White Background



This preview shows how the Hex color B3CAE5 looks on a white background.

Color Contrast Check

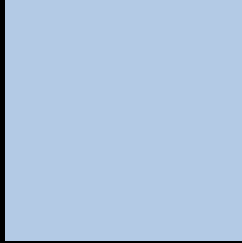
Large Text (above 18pt) WCAG AA × Fail

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 B3CAE5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

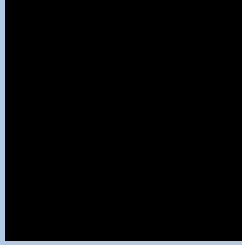
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

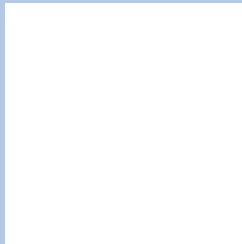
Any Text WCAG AAA ✓ Pass

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

Hex B3CAE5 Background



This preview shows how black text looks on a background with the Hex color B3CAE5.

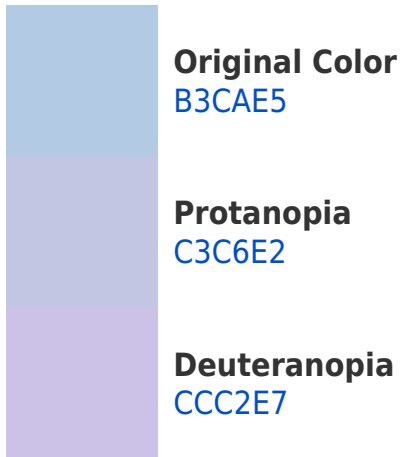


This preview shows how white text looks on a background with the Hex color B3CAE5.

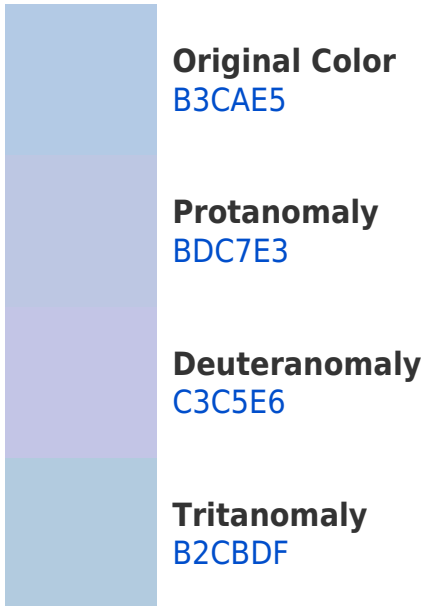
Color Blindness Simulation

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](#).

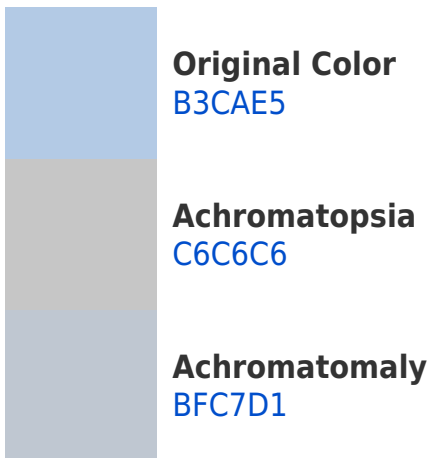
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3CAE5 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 #B3CAE5 looks like.

```
.text, #text, p{  
    color:#B3CAE5  
}
```

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 #B3CAE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3CAE5
}
```

Border

The CSS property to change the border of an element to Hex B3CAE5 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
#B3CAE5 }
```

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

```
.border{ border-color:#B3CAE5 }
```

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

Here you see how a box with a 4 pixel #B3CAE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3CAE5; -webkit-box-shadow:4px 4px  
4px 4px #B3CAE5; box-shadow:4px 4px 4px  
4px #B3CAE5 }
```

Background

The CSS property to change the background color of an element to Hex B3CAE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3CAE5 }
```

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

```
.background{ background-color:#B3CAE5 }
```

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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