

Converting Colors

Hex(B6CDE2)

Have a look what the booklet for
Hex(B6CDE2) contains.

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Color

Hex(B6CDE2)

Conversions

Conversions Part 1

Format	Color
Hex	B6CDE2
RGB	182, 205, 226
RGB Percent	71%, 80%, 89%
CMY	0.2863, 0.1961, 0.1137
CMYK	0.19, 0.09, 0.00, 0.11
HSL	209°, 43%, 80%
HSV	209°, 19%, 89%
XYZ	54.8502, 59.0987, 80.4678
YIQ	200.5170, -20.4490, 1.6550

Conversions

Conversions Part 2

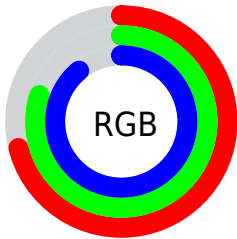
Format	Color
RYB	182, 197, 226
Decimal	11980258
CIELab	81.35, -3.32, -12.98
CIELCh	81, 13.401, 255.672
Yxy	59.0987, 0.2821, 0.3040
Android (android.graphics.Color)	4290170338 (0xFFB6CDE2)
YUV	200.5170, 12.5631, -16.2394
Hunter-Lab	76.8757, -7.1741, -8.2474

Details

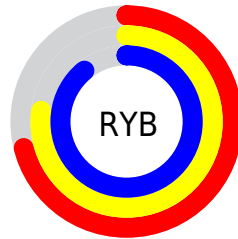
The Hex color **B6CDE2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E2CBB6**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **EEFFFF**, and **8197AB** is the 20% darker color. If you saturate the color by 10%, you get **9FC2E2**, and if you desaturate by 10%, it is **CDD8E2**.

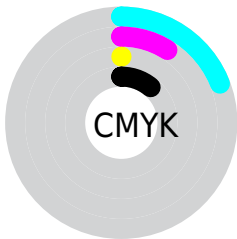
Distribution



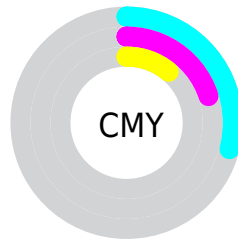
- Red (71%)
- Green (80%)
- Blue (89%)



- Red (71%)
- Yellow (77%)
- Blue (89%)



- Cyan (19%)
- Magenta (9%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6CDE2 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 B6CDE2 by changing the saturation by 10% instead.

 B6CDE2

FFFFFF

 EEEFFF

 B6CDE2

 9BB2C6

 8197AB

 677D90

 4E6477

 364C5E

 1F3646

 072030

 00091B

 000000

 B6CDE2

 B6CDE2

 9FC2E2

 CDD8E2

 89B7E2

 E3E3E2

 72ADE2

 FAEDE2

 5CA2E2


 FFF8E2

 4597E2

 FFFF E2

 2E8CE2

 1881E2

 0177E2

 0076E2

Harmonies

Analogous

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



ACD0DC



B6CDE2



C5C9E2

Triad

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



B6CDE2



E5C2C4



BFCFB8

Complementary

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



B6CDE2



E2CBB6

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.



CDCBB2



B6CDE2



E3C4B9

Square

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



B6CDE2



E0C2D1



DAC7B2



B2D1C3

Rectangle

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



B6CDE2



D0C6DE



DAC7B2



C4CEB6

Sweetspot

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



B6CDE2



F0F8FF



B6E2CB



777B80



000000



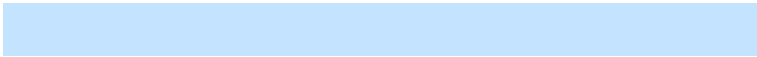
808080

Same Dimension

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



B6CDE2



C4E3FF



B6B7E2



656B70



005CB0



001930

Inverse Universe

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



E2B6CD



FFC4E3



E2E1B6



70656B



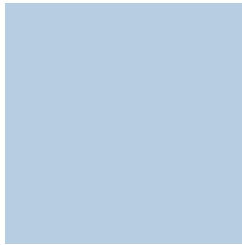
B0005C



300019

Previews

White Background



This preview shows how the Hex color B6CDE2 looks on a white background.

Color Contrast Check

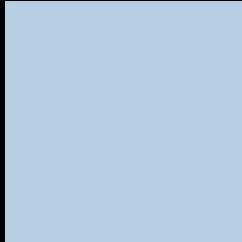
Large Text (above 18pt) WCAG AA × Fail

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 B6CDE2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

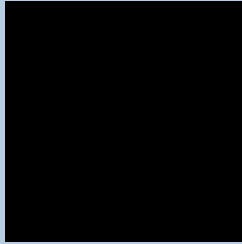
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

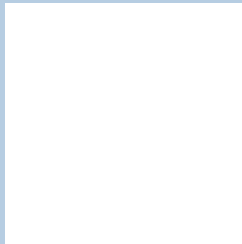
Any Text WCAG AAA ✓ Pass

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

Hex B6CDE2 Background



This preview shows how black text looks on a background with the Hex color B6CDE2.

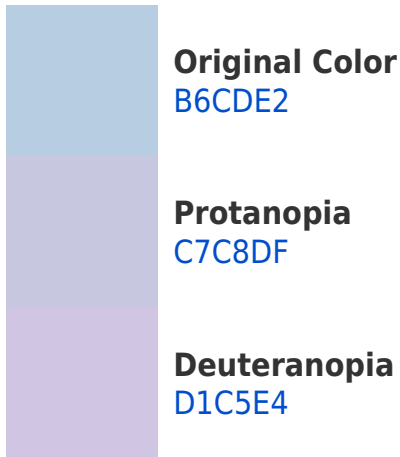


This preview shows how white text looks on a background with the Hex color B6CDE2.

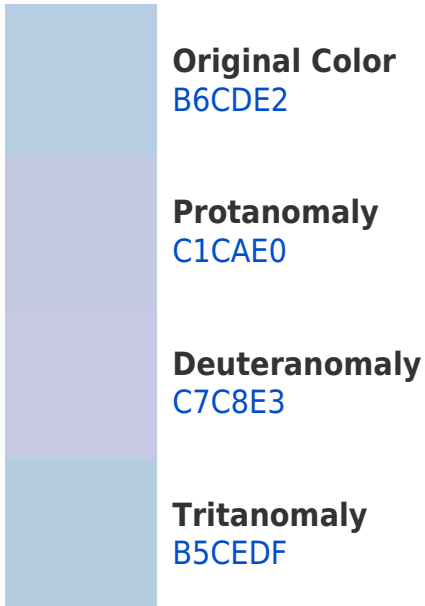
Color Blindness Simulation

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](#).

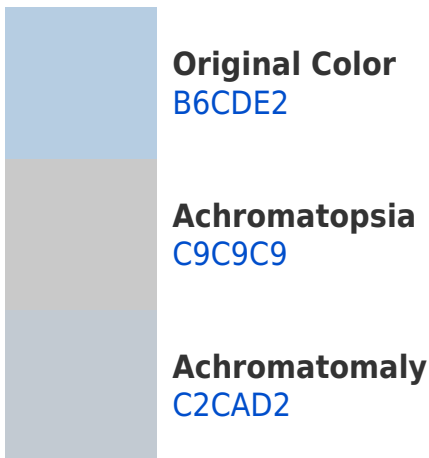
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B6CDE2 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 #B6CDE2 looks like.

```
.text, #text, p{  
    color:#B6CDE2  
}
```

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 #B6CDE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6CDE2
}
```

Border

The CSS property to change the border of an element to Hex B6CDE2 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
#B6CDE2 }
```

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

```
.border{ border-color:#B6CDE2 }
```

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

Here you see how a box with a 4 pixel #B6CDE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6CDE2; -webkit-box-shadow:4px 4px  
4px 4px #B6CDE2; box-shadow:4px 4px 4px  
4px #B6CDE2 }
```

Background

The CSS property to change the background color of an element to Hex B6CDE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6CDE2 }
```

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

```
.background{ background-color:#B6CDE2 }
```

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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