

Converting Colors

Hex(C5BDE2)

Have a look what the booklet for
Hex(C5BDE2) contains.

Hex(C5BDE2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C5BDE2)

Conversions

Conversions Part 1

Format	Color
Hex	C5BDE2
RGB	197, 189, 226
RGB Percent	77%, 74%, 89%
CMY	0.2275, 0.2588, 0.1137
CMYK	0.13, 0.16, 0.00, 0.11
HSL	253°, 39%, 81%
HSV	253°, 16%, 89%
XYZ	54.9510, 53.7565, 79.4313
YIQ	195.6100, -7.1090, 13.2030

Conversions

Conversions Part 2

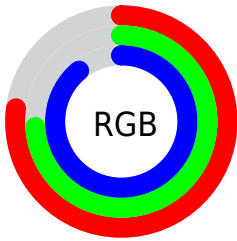
Format	Color
R_{YB}	197, 189, 226
Decimal	12959202
CIE _{Lab}	78.32, 9.98, -17.42
CIE _{LCh}	78, 20.080, 299.813
Yxy	53.7565, 0.2921, 0.2857
Android (android.graphics.Color)	4291149282 (0xFFC5BDE2)
YUV	195.6100, 14.9823, 1.2190
Hunter-Lab	73.3188, 5.4743, -12.9098

Details

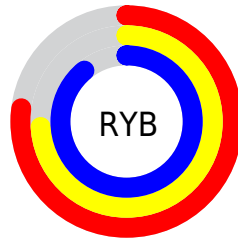
The Hex color **C5BDE2** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DAE2BD**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FEF5FF**, and **8F88AB** is the 20% darker color. If you saturate the color by 10%, you get **B3A6E2**, and if you desaturate by 10%, it is **D7D4E2**.

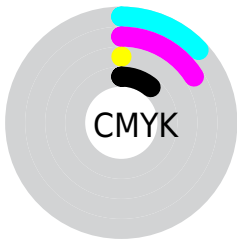
Distribution



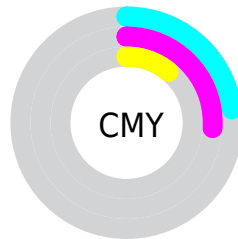
- Red (77%)
- Green (74%)
- Blue (89%)



- Red (77%)
- Yellow (74%)
- Blue (89%)



- Cyan (13%)
- Magenta (16%)
- Yellow (0%)
- Black (11%)



- Cyan (23%)
- Magenta (26%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5BDE2 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 C5BDE2 by changing the saturation by 10% instead.

 C5BDE2

FFFFFF

 FEF5FF

 C5BDE2

 AAA2C6

 8F88AB

 756E90

 5C5676

 443F5E

 2D2946

 18152F

 00001B

 000000

 C5BDE2

 C5BDE2

 B3A6E2

 D7D4E2

 A290E2

 E8EAE2

 9079E2

 FAFFE2

 7E63E2

 FFFFE2

 6C4CE2

 5B35E2

 491FE2

 3708E2

 3100E2

Harmonies

Analogous

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



ACC3E7



C5BDE2



DAB7D5

Triad

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



C5BDE2



E0BAA2



96CDC1

Complementary

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



C5BDE2



DAE2BD

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.



A7CBAE



C5BDE2



D0C09D

Square

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



C5BDE2



E8B6B0



BCC6A1



8FCCD4

Rectangle

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



C5BDE2



E3B5C9



BCC6A1



9BCCBA

Sweetspot

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



C5BDE2



F5F2FF



BDDBE2



7A7880



000000



808080

Same Dimension

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



C5BDE2



D7CCFF



D7BDE2



676570



2600B0



0A0030

Inverse Universe

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



E2BDDA



FFCCF4



C8E2BD



70656E



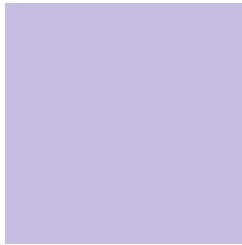
B0008A



300026

Previews

White Background



This preview shows how the Hex color C5BDE2 looks on a white background.

Color Contrast Check

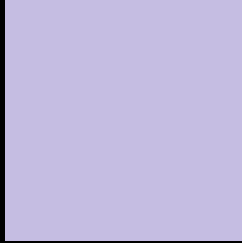
Large Text (above 18pt) WCAG AA × Fail

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 C5BDE2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

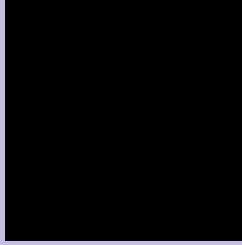
Any Text WCAG AA ✓ Pass

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 C5BDE2 Background



This preview shows how black text looks on a background with the Hex color C5BDE2.

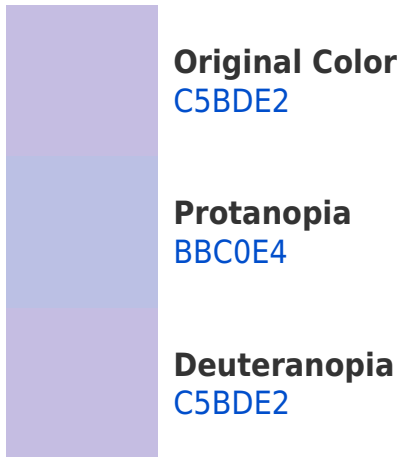


This preview shows how white text looks on a background with the Hex color C5BDE2.

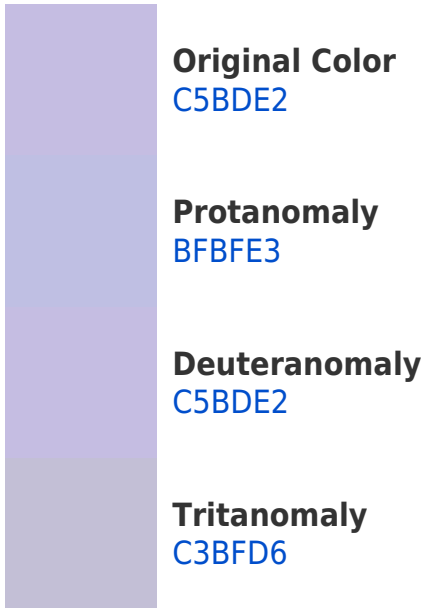
Color Blindness Simulation

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](#).

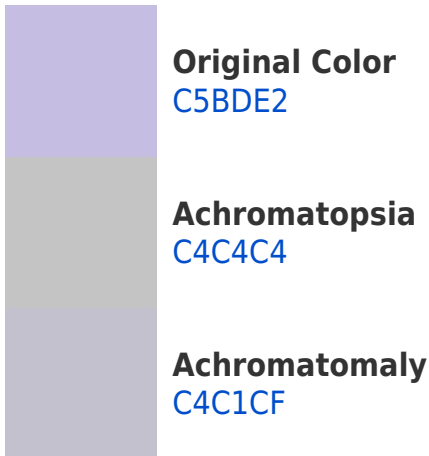
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C5BDE2 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 #C5BDE2 looks like.

```
.text, #text, p{  
    color:#C5BDE2  
}
```

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 #C5BDE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5BDE2
}
```

Border

The CSS property to change the border of an element to Hex C5BDE2 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
#C5BDE2 }
```

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

```
.border{ border-color:#C5BDE2 }
```

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

Here you see how a box with a 4 pixel #C5BDE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5BDE2; -webkit-box-shadow:4px 4px  
4px 4px #C5BDE2; box-shadow:4px 4px 4px  
4px #C5BDE2 }
```

Background

The CSS property to change the background color of an element to Hex C5BDE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5BDE2 }
```

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

```
.background{ background-color:#C5BDE2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor