

Converting Colors

Hex(C7BDD6)

Have a look what the booklet for
Hex(C7BDD6) contains.

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Color

Hex(C7BDD6)

Conversions

Conversions Part 1

Format	Color
Hex	C7BDD6
RGB	199, 189, 214
RGB Percent	78%, 74%, 84%
CMY	0.2196, 0.2588, 0.1608
CMYK	0.07, 0.12, 0.00, 0.16
HSL	264°, 23%, 79%
HSV	264°, 12%, 84%
XYZ	53.8884, 53.3923, 71.0839
YIQ	194.8400, -2.0650, 9.8950

Conversions

Conversions Part 2

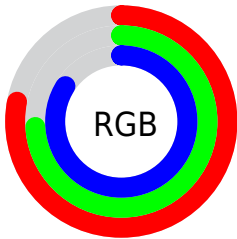
Format	Color
R _Y B	199, 189, 214
Decimal	13090262
CIE Lab	78.11, 8.20, -11.25
CIE LCh	78, 13.920, 306.094
Yxy	53.3923, 0.3021, 0.2993
Android (android.graphics.Color)	4291280342 (0xFFC7BDD6)
YUV	194.8400, 9.4459, 3.6483
Hunter-Lab	73.0701, 3.7692, -6.5293

Details

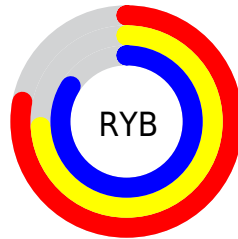
The Hex color **C7BDD6** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CCD6BD**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFF5FF**, and **91889F** is the 20% darker color. If you saturate the color by 10%, you get **BAA8D6**, and if you desaturate by 10%, it is **D4D2D6**.

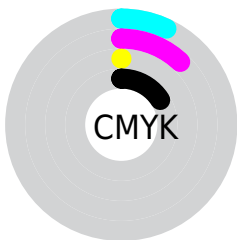
Distribution



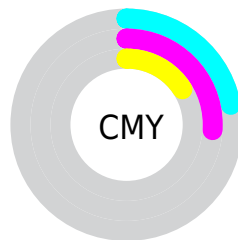
- Red (78%)
- Green (74%)
- Blue (84%)



- Red (78%)
- Yellow (74%)
- Blue (84%)



- Cyan (7%)
- Magenta (12%)
- Yellow (0%)
- Black (16%)



- Cyan (22%)
- Magenta (26%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7BDD6 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 C7BDD6 by changing the saturation by 10% instead.

 C7BDD6

FFFFFF

 FFF5FF

 C7BDD6

 ACA2BA

 91889F

 776E85

 5F566C

 473F54

 30293C

 1B1527

 000112

 000000

 C7BDD6

 C7BDD6

 BAA8D6

 D4D2D6

 AD92D6

 E1E8D6

 A07DD6

 EEFD6

 9467D6

 FAFFD6

 8752D6

 FFFFD6

 7A3DD6

 6D27D6

 6012D6

 5600D6

Harmonies

Analogous

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



B7C1DB



C7BDD6



D5BACC

Triad

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



C7BDD6



D5BDAA



A2C9C3

Complementary

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



C7BDD6



CCD6BD

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.



ACC8B6



C7BDD6



C9C1A8

Square

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



C7BDD6



DCBAB2



BAC5AC



A1C8D0

Rectangle

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



C7BDD6



DAB8C3



BAC5AC



A5C9BF

Sweetspot

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



C7BDD6



F9F5FF



BDCCD6



7C7980



000000



808080

Same Dimension

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



C7BDD6



EADBFF



D3BDD6



65606B



4400AB



11002B

Inverse Universe

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



D6BDCC



FFDBF1



C0D6BD



6B6067



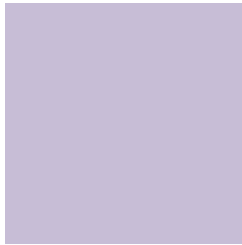
AB0067



2B001A

Previews

White Background



This preview shows how the Hex color C7BDD6 looks on a white background.

Color Contrast Check

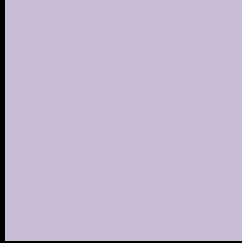
Large Text (above 18pt) WCAG AA × Fail

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 C7BDD6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

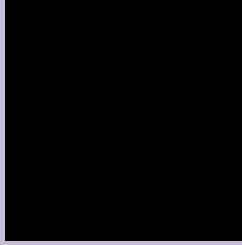
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

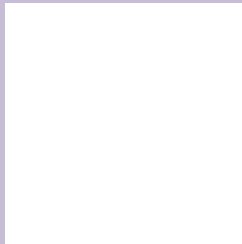
Any Text WCAG AAA ✓ Pass

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

Hex C7BDD6 Background



This preview shows how black text looks on a background with the Hex color C7BDD6.



This preview shows how white text looks on a background with the Hex color C7BDD6.

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



Original Color
C7BDD6

Protanopia
BEC0D8

Deuteranopia
CABCD6

Trichromacy



Original Color
C7BDD6

Protanomaly
C1BFD7

Deuteranomaly
C9BCD6

Tritanomaly
C6BED0

Monochromacy



Original Color
C7BDD6

Achromatopsia
C3C3C3

Achromatomaly
C4C1CA

CSS Examples

Text

The CSS property to change the color of the text to Hex C7BDD6 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 #C7BDD6 looks like.

```
.text, #text, p{  
    color:#C7BDD6  
}
```

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 #C7BDD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7BDD6
}
```

Border

The CSS property to change the border of an element to Hex C7BDD6 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
#C7BDD6 }
```

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

```
.border{ border-color:#C7BDD6 }
```

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

Here you see how a box with a 4 pixel #C7BDD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7BDD6; -webkit-box-shadow:4px 4px  
4px 4px #C7BDD6; box-shadow:4px 4px 4px  
4px #C7BDD6 }
```

Background

The CSS property to change the background color of an element to Hex C7BDD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7BDD6 }
```

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

```
.background{ background-color:#C7BDD6 }
```

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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