

# Converting Colors

Hex(C6BDD8)

Have a look what the booklet for  
Hex(C6BDD8) contains.

<b>Hex(C6BDD8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C6BDD8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6BDD8
RGB	198, 189, 216
RGB Percent	78%, 74%, 85%
CMY	0.2235, 0.2588, 0.1529
CMYK	0.08, 0.12, 0.00, 0.15
HSL	260°, 26%, 79%
HSV	260°, 12%, 85%
XYZ	53.8810, 53.3588, 72.4252
YIQ	194.7690, -3.3030, 10.3050

# Conversions

## Conversions Part 2

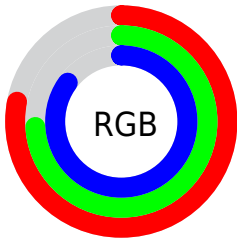
Format	Color
<a href="#">RYB</a>	<a href="#">198, 189, 216</a>
Decimal	<a href="#">13024728</a>
CIELab	<a href="#">78.09, 8.27, -12.37</a>
CIELCh	<a href="#">78, 14.875, 303.760</a>
Yxy	<a href="#">53.3588, 0.2999, 0.2970</a>
Android (android.graphics.Color)	<a href="#">4291214808 (0xFFC6BDD8)</a>
YUV	<a href="#">194.7690, 10.4669, 2.8336</a>
Hunter-Lab	<a href="#">73.0471, 3.8326, -7.6522</a>

# Details

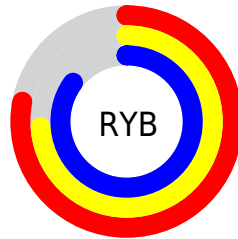
The Hex color **C6BDD8** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **CFD8BD**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFF5FF**, and **9088A1** is the 20% darker color. If you saturate the color by 10%, you get **B8A7D8**, and if you desaturate by 10%, it is **D4D3D8**.

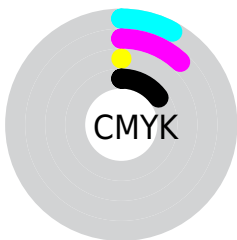
# Distribution



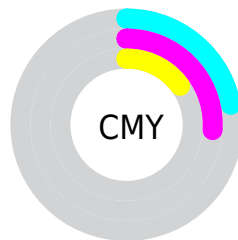
- Red (78%)
- Green (74%)
- Blue (85%)



- Red (78%)
- Yellow (74%)
- Blue (85%)



- Cyan (8%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (26%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6BDD8 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 C6BDD8 by changing the saturation by 10% instead.





C6BDD8

FFFFFF



FFF5FF



C6BDD8



ABA2BC



9088A1



766E87



5E566E



463F55



2F293E



1A1528



000113



000000

 C6BDD8

 C6BDD8

 B8A7D8

 D4D3D8

 A992D8

 E3E8D8

 9B7CD8

 F1FED8

 8C67D8

 FFFFD8

 7E51D8

 703BD8

 6126D8

 5310D8

 4800D8

# Harmonies

## Analogous

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



B4C2DC



C6BDD8



D5B9CE

# Triad

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



C6BDD8



D7BCA9



A1C9C2

# Complementary

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



C6BDD8



CFD8BD

# 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.



ACC8B4



C6BDD8



CBC1A6

# Square

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



C6BDD8



DEB9B2



BBC5AA



9EC9D0

# Rectangle

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



C6BDD8



DBB8C5



BBC5AA



A4C9BE



# Sweetspot

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



C6BDD8



F8F5FF



BDCFD8



7B7980



000000



808080



# Same Dimension

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



C6BDD8



E5D9FF



D4BDD8



64606B



3900AB



0E002B



# Inverse Universe

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



D8BDCF



FFD9F2



C2D8BD



6B6068



AB0072

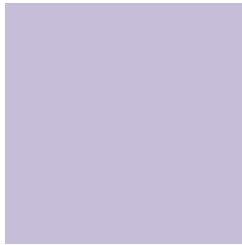


2B001D



# Previews

## White Background



This preview shows how the Hex color C6BDD8 looks on a white background.

## Color Contrast Check

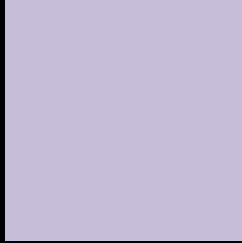
Large Text (above 18pt) WCAG AA × Fail

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 C6BDD8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

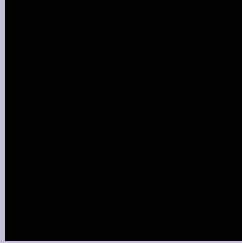
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C6BDD8 Background



This preview shows how black text looks on a background with the Hex color C6BDD8.

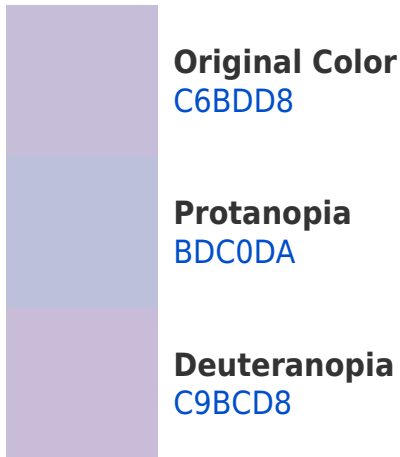


This preview shows how white text looks on a background with the Hex color C6BDD8.

# 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





**Tritanopia**  
C4BFCE

# Trichromacy



**Original Color**  
C6BDD8

**Protanomaly**  
C0BFD9

**Deuteranomaly**  
C8BCD8

**Tritanomaly**  
C5BED2

# Monochromacy



**Original Color**  
C6BDD8

**Achromatopsia**  
C3C3C3

**Achromatomaly**  
C4C1CB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6BDD8 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 #C6BDD8 looks like.

```
.text, #text, p{  
    color:#C6BDD8  
}
```

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 #C6BDD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6BDD8  
}
```

## Border

The CSS property to change the border of an element to Hex C6BDD8 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  
#C6BDD8 }
```

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

```
.border{ border-color:#C6BDD8 }
```

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

Here you see how a box with a 4 pixel #C6BDD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6BDD8; -webkit-box-shadow:4px 4px  
4px 4px #C6BDD8; box-shadow:4px 4px 4px  
4px #C6BDD8 }
```

# Background

The CSS property to change the background color of an element to Hex C6BDD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6BDD8 }
```

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

```
.background{ background-color:#C6BDD8 }
```

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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