

# Converting Colors

Hex(C6BBD6)

Have a look what the booklet for  
Hex(C6BBD6) contains.

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# **Color**

**Hex(C6BBD6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6BBD6
RGB	198, 187, 214
RGB Percent	78%, 73%, 84%
CMY	0.2235, 0.2667, 0.1608
CMYK	0.07, 0.13, 0.00, 0.16
HSL	264°, 25%, 79%
HSV	264°, 13%, 84%
XYZ	53.1966, 52.4015, 70.9291
YIQ	193.3670, -2.1110, 10.7290

# Conversions

## Conversions Part 2

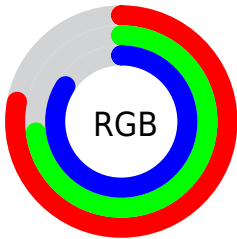
Format	Color
R <sub>Y</sub> B	198, 187, 214
Decimal	13024214
CIE Lab	77.52, 8.95, -12.13
CIE LCh	78, 15.075, 306.407
Yxy	52.4015, 0.3014, 0.2968
Android (android.graphics.Color)	4291214294 (0xFFC6BBD6)
YUV	193.3670, 10.1721, 4.0631
Hunter-Lab	72.3888, 4.4944, -7.4222

# Details

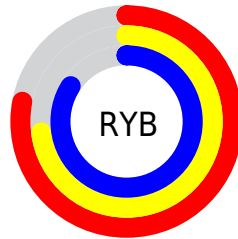
The Hex color **C6BBD6** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **CBD6BB**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFF3FF**, and **90869F** is the 20% darker color. If you saturate the color by 10%, you get **B9A6D6**, and if you desaturate by 10%, it is **D3D0D6**.

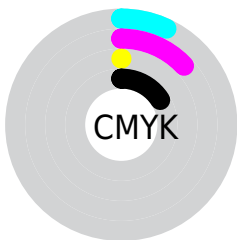
# Distribution



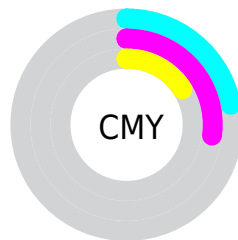
- Red (78%)
- Green (73%)
- Blue (84%)



- Red (78%)
- Yellow (73%)
- Blue (84%)



- Cyan (7%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)



- Cyan (22%)
- Magenta (27%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6BBD6 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 C6BBD6 by changing the saturation by 10% instead.



 C6BBD6

FFFFFF

 FFF3FF

 C6BBD6

 ABA0BA

 90869F

 766D85

 5E546C

 463D54

 2F273C

 1A1327

 000111

 000000

 C6BBD6

 C6BBD6

 B9A6D6

 D3D0D6

 AD90D6

 DFE6D6

 A07BD6

 ECFBD6

 9365D6

 F9FFD6

 8750D6

 FFFFD6

 7A3BD6

 6D25D6

 6110D6

 5700D6

# Harmonies

## Analogous

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



B4C0DB



C6BBD6



D5B7CB

# Triad

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



C6BBD6



D5BBA6



9EC8C2

# Complementary

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



C6BBD6



CBD6BB

# 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.



A9C7B4



C6BBD6



C8C0A4

# Square

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



C6BBD6



DCB7B0



B8C4A9



9CC7D0

# Rectangle

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



C6BBD6



DBB6C2



B8C4A9



A1C8BD



# Sweetspot

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



C6BBD6



F9F5FF



BBCBD6



7C7980



000000



808080



# Same Dimension

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



C6BBD6



E8D9FF



D3BBD6



65606B



4600AB



12002B



# Inverse Universe

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



D6BBCB



FFD9EF



BED6BB



6B6067



AB0065

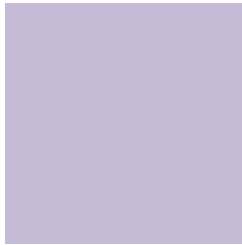


2B001A



# Previews

## White Background



This preview shows how the Hex color C6BBD6 looks on a white background.

## Color Contrast Check

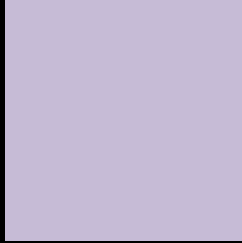
Large Text (above 18pt) WCAG AA × Fail

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 C6BBD6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

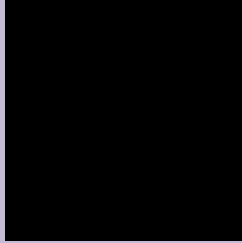
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C6BBD6 Background



This preview shows how black text looks on a background with the Hex color C6BBD6.



This preview shows how white text looks on a background with the Hex color C6BBD6.

# 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**  
C6BBD6

**Protanopia**  
BCBED8

**Deuteranopia**  
C8BAD6



# Trichromacy



**Original Color**  
C6BBD6

**Protanomaly**  
C0BDD7

**Deuteranomaly**  
C7BAD6

**Tritanomaly**  
C5BCD0

# Monochromacy



**Original Color**  
C6BBD6

**Achromatopsia**  
C1C1C1

**Achromatomaly**  
C3BFC9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6BBD6 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 #C6BBD6 looks like.

```
.text, #text, p{  
    color:#C6BBD6  
}
```

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 #C6BBD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6BBD6  
}
```

## Border

The CSS property to change the border of an element to Hex C6BBD6 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  
#C6BBD6 }
```

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

```
.border{ border-color:#C6BBD6 }
```

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

Here you see how a box with a 4 pixel #C6BBD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6BBD6; -webkit-box-shadow:4px 4px  
4px 4px #C6BBD6; box-shadow:4px 4px 4px  
4px #C6BBD6 }
```

# Background

The CSS property to change the background color of an element to Hex C6BBD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6BBD6 }
```

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

```
.background{ background-color:#C6BBD6 }
```

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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