

# Converting Colors

Hex(C8C6E6)

Have a look what the booklet for  
Hex(C8C6E6) contains.

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# **Color**

**Hex(C8C6E6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C8C6E6
RGB	200, 198, 230
RGB Percent	78%, 78%, 90%
CMY	0.2157, 0.2235, 0.0980
CMYK	0.13, 0.14, 0.00, 0.10
HSL	244°, 39%, 84%
HSV	244°, 14%, 90%
XYZ	58.2964, 58.3807, 83.0590
YIQ	202.2460, -9.0800, 10.3760

# Conversions

## Conversions Part 2

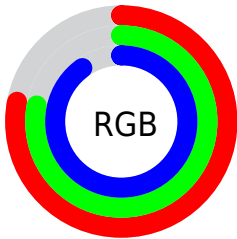
Format	Color
R <sub>YB</sub>	200, 198, 230
Decimal	13158118
CIE Lab	80.95, 6.93, -15.59
CIE LCh	81, 17.059, 293.975
Yxy	58.3807, 0.2919, 0.2923
Android (android.graphics.Color)	4291348198 (0xFFC8C6E6)
YUV	202.2460, 13.6827, -1.9697
Hunter-Lab	76.4073, 2.4774, -10.9665

# Details

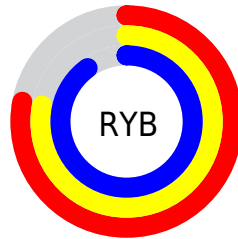
The Hex color **C8C6E6** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E4E6C6**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFFFF**, and **9290AE** is the 20% darker color. If you saturate the color by 10%, you get **B2AFE6**, and if you desaturate by 10%, it is **DEDDE6**.

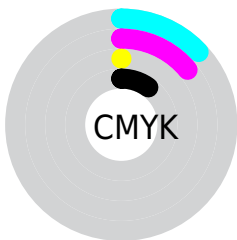
# Distribution



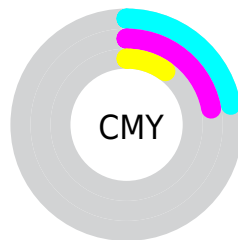
- Red (78%)
- Green (78%)
- Blue (90%)



- Red (78%)
- Yellow (78%)
- Blue (90%)



- Cyan (13%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)



- Cyan (22%)
- Magenta (22%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8C6E6 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 C8C6E6 by changing the saturation by 10% instead.



 C8C6E6

FFFFFF

 C8C6E6

 ADABCA

 9290AE

 787794

 5F5E7A

 474661

 303049

 1A1B33

 03001E

 000000

 C8C6E6

 C8C6E6

 B2AFE6

 DEDDE6

 9D98E6

 F3F4E6

 8781E6

 FFFFE6

 726AE6

 5C53E6

 473CE6

 3125E6

 1B0EE6

 0E00E6

# Harmonies

## Analogous

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



B4CBE8



C8C6E6



DBC1DC

# Triad

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



C8C6E6



E6C2B0



A6D2C5

# Complementary

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



C8C6E6



E4E6C6

# 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.



B6D0B6



C8C6E6



D9C7AA

# Square

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



C8C6E6



EBBFBD



C8CCAC



9FD2D5

# Rectangle

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



C8C6E6



E4BFD2



C8CCAC



ABD2C0



# Sweetspot

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



C8C6E6



F5F5FF



C6E4E6



7A7980



000000



808080



# Same Dimension

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



C8C6E6



D6D4FF



D8C6E6



686773



0B00B3



030033



# Inverse Universe

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



E6C6E4



FFD4FC



D4E6C6



736772



B300A7

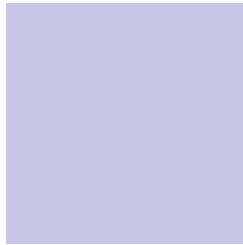


330030



# Previews

## White Background



This preview shows how the Hex color C8C6E6 looks on a white background.

## Color Contrast Check

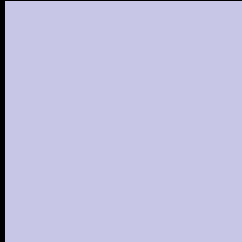
Large Text (above 18pt) WCAG AA × Fail

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 C8C6E6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

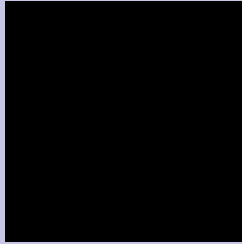
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C8C6E6 Background



This preview shows how black text looks on a background with the Hex color C8C6E6.



This preview shows how white text looks on a background with the Hex color C8C6E6.

# 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**  
C8C6E6

**Protanopia**  
C3C7E7

**Deuteranopia**  
CEC4E6



**Tritanopia**  
C6C8D8

# Trichromacy



**Original Color**  
C8C6E6

**Protanomaly**  
C5C7E7

**Deuteranomaly**  
CCC5E6

**Tritanomaly**  
C7C7DD

# Monochromacy



**Original Color**  
C8C6E6

**Achromatopsia**  
CACACA

**Achromatomaly**  
C9C9D4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8C6E6 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 #C8C6E6 looks like.

```
.text, #text, p{  
    color:#C8C6E6  
}
```

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 #C8C6E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8C6E6
}
```

## Border

The CSS property to change the border of an element to Hex C8C6E6 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
#C8C6E6 }
```

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

```
.border{ border-color:#C8C6E6 }
```

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

Here you see how a box with a 4 pixel #C8C6E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8C6E6; -webkit-box-shadow:4px 4px  
4px 4px #C8C6E6; box-shadow:4px 4px 4px  
4px #C8C6E6 }
```

# Background

The CSS property to change the background color of an element to Hex C8C6E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8C6E6 }
```

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

```
.background{ background-color:#C8C6E6 }
```

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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