

Converting Colors

Hex(C1B2E6)

Have a look what the booklet for
Hex(C1B2E6) contains.

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Color

Hex(C1B2E6)

Conversions

Conversions Part 1

Format	Color
Hex	C1B2E6
RGB	193, 178, 230
RGB Percent	76%, 70%, 90%
CMY	0.2431, 0.3020, 0.0980
CMYK	0.16, 0.23, 0.00, 0.10
HSL	257°, 51%, 80%
HSV	257°, 23%, 90%
XYZ	52.1956, 48.8914, 81.5489
YIQ	188.4130, -7.7520, 19.3520

Conversions

Conversions Part 2

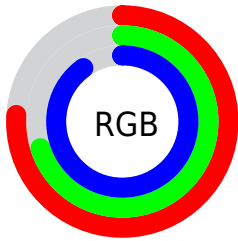
Format	Color
R _Y B	193, 178, 230
Decimal	12694246
CIE Lab	75.38, 15.56, -24.07
CIE LCh	75, 28.659, 302.873
Yxy	48.8914, 0.2858, 0.2677
Android (android.graphics.Color)	4290884326 (0xFFC1B2E6)
YUV	188.4130, 20.5024, 4.0228
Hunter-Lab	69.9224, 10.8824, -20.2029

Details

The Hex color **C1B2E6** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D7E6B2**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FAE AFF**, and **8B7DAE** is the 20% darker color. If you saturate the color by 10%, you get **B19BE6**, and if you desaturate by 10%, it is **D1C9E6**.

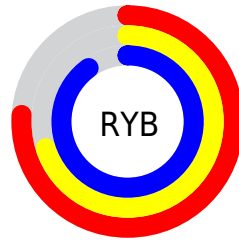
Distribution



Red (76%)

Green (70%)

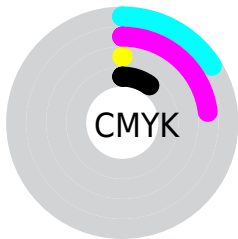
Blue (90%)



Red (76%)

Yellow (70%)

Blue (90%)

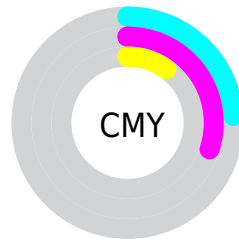


Cyan (16%)

Magenta (23%)

Yellow (0%)

Black (10%)



Cyan (24%)

Magenta (30%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1B2E6 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 C1B2E6 by changing the saturation by 10% instead.

 C1B2E6


 C1B2E6

FFFFFF

 A697CA

 FAEAFF

 8B7DAE

 716494

 584C7A

 403661

 282049

 130B32

 00021D

 000000

 C1B2E6

 C1B2E6

 B19BE6

 D1C9E6

 A084E6

 E2E0E6

 906DE6

 F2F7E6

 8056E6

 FFFFE6

 6F3FE6

 5F28E6

 4E11E6

 4200E6

Harmonies

Analogous

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



9CBBEE



C1B2E6



DEAAD2

Triad

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



C1B2E6



E1B08B



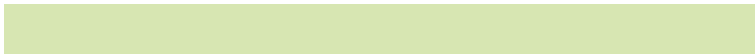
75C8BB

Complementary

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



C1B2E6



D7E6B2

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.



8FC6A1



C1B2E6



CAB985

Square

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



C1B2E6



EEA99E



AEC18D



6AC7D5

Rectangle

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



C1B2E6



EAA7C1



AEC18D



7CC8B2

Sweetspot

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



C1B2E6



F2EDFF



B2D7E6



787580



000000



808080

Same Dimension

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



C1B2E6



CEBAFF



DBB2E6



6B6773



3300B3



0F0033

Inverse Universe

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



E6B2D7



FFBAEB



BDE6B2



73676F



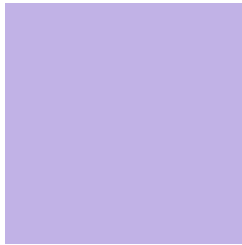
B3007F



330024

Previews

White Background



This preview shows how the Hex color C1B2E6 looks on a white background.

Color Contrast Check

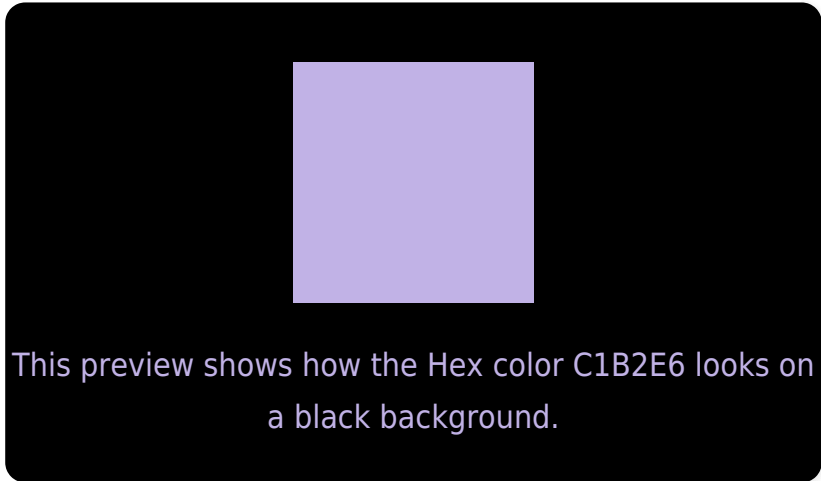
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

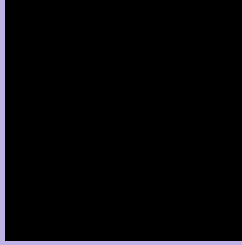
Any Text WCAG AA ✓ Pass

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 C1B2E6 Background



This preview shows how black text looks on a background with the Hex color C1B2E6.



This preview shows how white text looks on a background with the Hex color C1B2E6.

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
C1B2E6

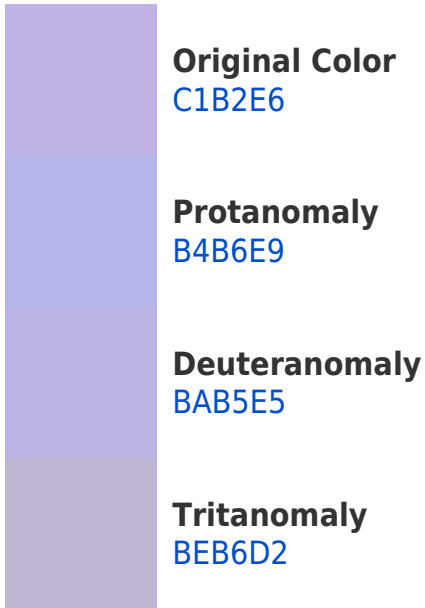
Protanopia
ADB8EA

Deuteranopia
B6B6E5

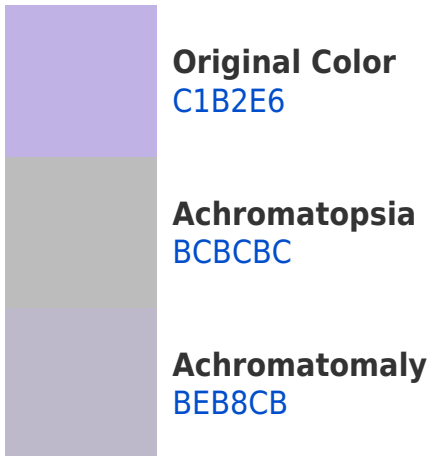


Tritanopia
BCB8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C1B2E6 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 #C1B2E6 looks like.

```
.text, #text, p{  
    color:#C1B2E6  
}
```

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 #C1B2E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1B2E6
}
```

Border

The CSS property to change the border of an element to Hex C1B2E6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

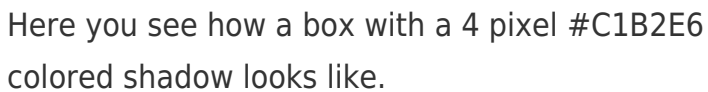
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C1B2E6 }
```

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

```
.border{ border-color:#C1B2E6 }
```

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



Here you see how a box with a 4 pixel `#C1B2E6` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1B2E6; -webkit-box-shadow:4px 4px  
4px 4px #C1B2E6; box-shadow:4px 4px 4px  
4px #C1B2E6 }
```

Background

The CSS property to change the background color of an element to Hex C1B2E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1B2E6 }
```

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

```
.background{ background-color:#C1B2E6 }
```

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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