

Converting Colors

Hex(C3B0E8)

Have a look what the booklet for
Hex(C3B0E8) contains.

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Color

Hex(C3B0E8)

Conversions

Conversions Part 1

Format	Color
Hex	C3B0E8
RGB	195, 176, 232
RGB Percent	76%, 69%, 91%
CMY	0.2353, 0.3098, 0.0902
CMYK	0.16, 0.24, 0.00, 0.09
HSL	260°, 55%, 80%
HSV	260°, 24%, 91%
XYZ	52.5965, 48.4790, 82.9292
YIQ	188.0650, -6.6520, 21.4440

Conversions

Conversions Part 2

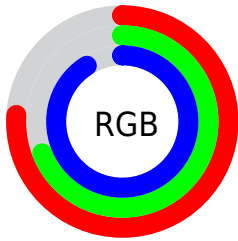
Format	Color
R_{YB}	195, 176, 232
Decimal	12824808
CIE _{Lab}	75.13, 17.71, -25.53
CIE _{LCh}	75, 31.075, 304.748
Yxy	48.4790, 0.2858, 0.2635
Android (android.graphics.Color)	4291014888 (0xFFC3B0E8)
YUV	188.0650, 21.6600, 6.0820
Hunter-Lab	69.6268, 12.9929, -21.8787

Details

The Hex color **C3B0E8** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D5E8B0**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FCE8FF**, and **8D7BB0** is the 20% darker color. If you saturate the color by 10%, you get **B499E8**, and if you desaturate by 10%, it is **D2C7E8**.

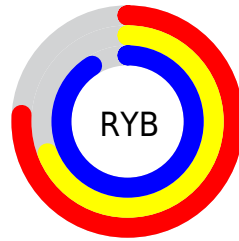
Distribution



Red (76%)

Green (69%)

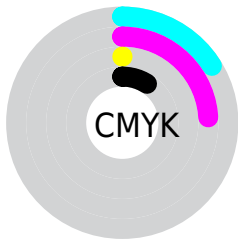
Blue (91%)



Red (76%)

Yellow (69%)

Blue (91%)

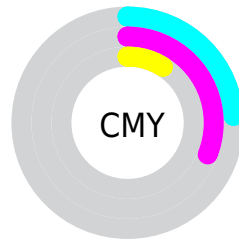


Cyan (16%)

Magenta (24%)

Yellow (0%)

Black (9%)



Cyan (24%)

Magenta (31%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3B0E8 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 C3B0E8 by changing the saturation by 10% instead.

 C3B0E8

 C3B0E8

FFFFFF

 A895CC

 FCE8FF

 8D7BB0

 736295

 5A4B7B

 413462

 2A1E4A

 140833

 00021E

 000000

 C3B0E8

 C3B0E8

 B499E8

 D2C7E8

 A482E8

 E2DEE8

 956AE8

 F1F6E8

 8653E8

 FFFFE8

 763CE8

 6725E8

 580EE8

 4F00E8

Harmonies

Analogous

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



9BBAF2



C3B0E8



E1A7D2

Triad

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



C3B0E8



E2AF86



6BC9BD

Complementary

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



C3B0E8



D5E8B0

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.



88C7A0



C3B0E8



C9B980

Square

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



C3B0E8



F0A79A



AAC189



5EC8D9

Rectangle

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



C3B0E8



EEA4BF



AAC189



73C9B3

Sweetspot

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



C3B0E8



F3EDFF



B0D5E8



797580



000000



808080

Same Dimension

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



C3B0E8



CEB5FF



DFB0E8



6B6773



3D00B3



110033

Inverse Universe

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



E8B0D5



FFB5E6



B9E8B0



73676F



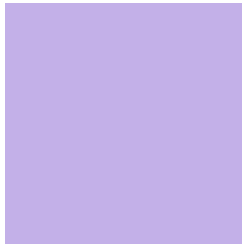
B30076



330022

Previews

White Background



This preview shows how the Hex color C3B0E8 looks on a white background.

Color Contrast Check

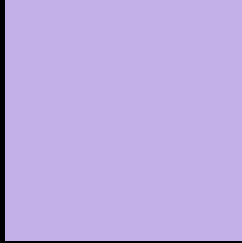
Large Text (above 18pt) WCAG AA × Fail

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 C3B0E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

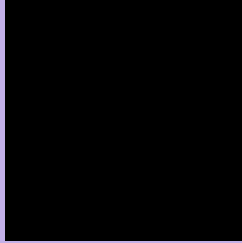
Any Text WCAG AA ✓ Pass

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 C3B0E8 Background



This preview shows how black text looks on a background with the Hex color C3B0E8.

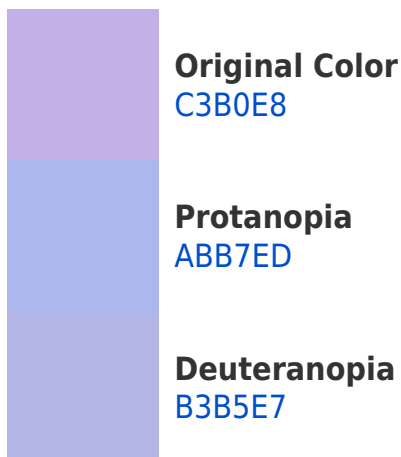


This preview shows how white text looks on a background with the Hex color C3B0E8.

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
BDB6C5

Trichromacy



Original Color
C3B0E8

Protanomaly
B4B4EB

Deuteranomaly
B9B3E7

Tritanomaly
BFB4D2

Monochromacy



Original Color
C3B0E8

Achromatopsia
BCBCBC

Achromatomaly
BFB8CC

CSS Examples

Text

The CSS property to change the color of the text to Hex C3B0E8 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 #C3B0E8 looks like.

```
.text, #text, p{  
    color:#C3B0E8  
}
```

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 #C3B0E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3B0E8
}
```

Border

The CSS property to change the border of an element to Hex C3B0E8 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
#C3B0E8 }
```

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

```
.border{ border-color:#C3B0E8 }
```

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

Here you see how a box with a 4 pixel #C3B0E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3B0E8; -webkit-box-shadow:4px 4px  
4px 4px #C3B0E8; box-shadow:4px 4px 4px  
4px #C3B0E8 }
```

Background

The CSS property to change the background color of an element to Hex C3B0E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3B0E8 }
```

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

```
.background{ background-color:#C3B0E8 }
```

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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