

Converting Colors

Hex(CBA2E2)

Have a look what the booklet for
Hex(CBA2E2) contains.

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Color

Hex(CBA2E2)

Conversions

Conversions Part 1

Format	Color
Hex	CBA2E2
RGB	203, 162, 226
RGB Percent	80%, 64%, 89%
CMY	0.2039, 0.3647, 0.1137
CMYK	0.10, 0.28, 0.00, 0.11
HSL	278°, 52%, 76%
HSV	278°, 28%, 89%
XYZ	51.2764, 44.0282, 77.7472
YIQ	181.5550, 3.8920, 28.5960

Conversions

Conversions Part 2

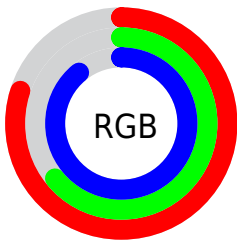
Format	Color
R_{YB}	203, 162, 226
Decimal	13345506
CIE _{Lab}	72.25, 26.66, -26.61
CIE _{LCh}	72, 37.665, 315.050
Yxy	44.0282, 0.2963, 0.2544
Android (android.graphics.Color)	4291535586 (0xFFCBA2E2)
YUV	181.5550, 21.9114, 18.8073
Hunter-Lab	66.3537, 21.8211, -23.0230

Details

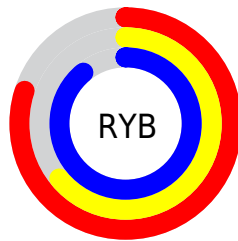
The Hex color **CBA2E2** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B9E2A2**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFD9FF**, and **946EAA** is the 20% darker color. If you saturate the color by 10%, you get **C38BE2**, and if you desaturate by 10%, it is **D3B9E2**.

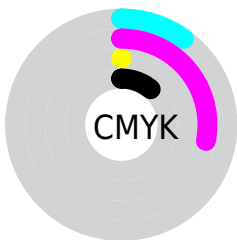
Distribution



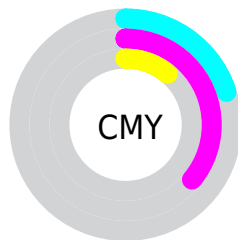
- Red (80%)
- Green (64%)
- Blue (89%)



- Red (80%)
- Yellow (64%)
- Blue (89%)



- Cyan (10%)
- Magenta (28%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (36%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBA2E2 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 CBA2E2 by changing the saturation by 10% instead.

 CBA2E2

 CBA2E2

FFFFFF

 AF88C6

 FFD9FF

 946EAA

 FFF6FF

 7A5590

 603D76

 48275D

 301145

 1C002F

 000119

 000000

 CBA2E2

 CBA2E2

 C38BE2

 D3B9E2

 BB75E2

 DBCFE2

 B35EE2

 E3E6E2

 AB48E2

 EBFCE2

 A231E2


 F4FFE2

 9A1AE2

 FCFFE2

 9204E2

 FFFFE2

 9100E2

Harmonies

Analogous

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



9CAFF3



CBA2E2



EA99C4

Triad

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



CBA2E2



D7A96F



37C4C2

Complementary

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



CBA2E2



B9E2A2

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.



65C29E



CBA2E2



B7B56E

Square

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



CBA2E2



ED9E82



90BD7F



2DC1E1

Rectangle

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



CBA2E2



F396AD



90BD7F



46C4B6

Sweetspot

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



CBA2E2



F8EBFF



A2B9E2



7B7380



000000



808080

Same Dimension

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



CBA2E2



E0A8FF



E2A2D9



6C6570



7100B0



1F0030

Inverse Universe

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



E2A2B9



FFA8C7



A2E2AB



706569



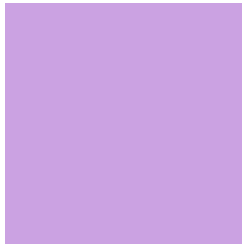
B0003F



300011

Previews

White Background



This preview shows how the Hex color CBA2E2 looks on a white background.

Color Contrast Check

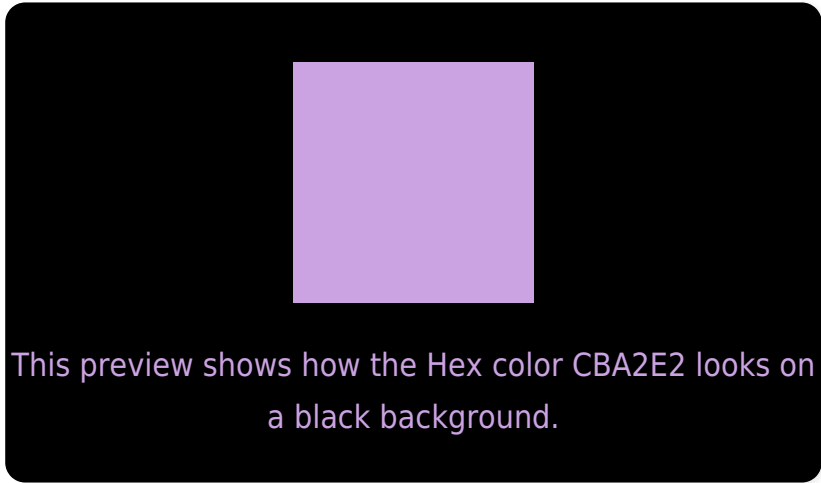
Large Text (above 18pt) WCAG AA × Fail

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 CBA2E2 Background



This preview shows how black text looks on a background with the Hex color CBA2E2.



This preview shows how white text looks on a background with the Hex color CBA2E2.

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
C4AAB7

Trichromacy



Original Color
CBA2E2

Protanomaly
B0AAE8

Deuteranomaly
B7AAE1

Tritanomaly
C7A7C7

Monochromacy



Original Color
CBA2E2

Achromatopsia
B6B6B6

Achromatomaly
BEAFC6

CSS Examples

Text

The CSS property to change the color of the text to Hex CBA2E2 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 #CBA2E2 looks like.

```
.text, #text, p{  
    color:#CBA2E2  
}
```

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 #CBA2E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBA2E2
}
```

Border

The CSS property to change the border of an element to Hex CBA2E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

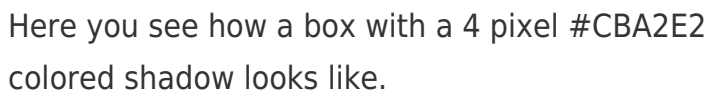
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CBA2E2 }
```

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

```
.border{ border-color:#CBA2E2 }
```

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



Here you see how a box with a 4 pixel `#CBA2E2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBA2E2; -webkit-box-shadow:4px 4px  
4px 4px #CBA2E2; box-shadow:4px 4px 4px  
4px #CBA2E2 }
```

Background

The CSS property to change the background color of an element to Hex CBA2E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBA2E2 }
```

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

```
.background{ background-color:#CBA2E2 }
```

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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