

# Converting Colors

Hex(CBA1E2)

Have a look what the booklet for  
Hex(CBA1E2) contains.

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# **Color**

**Hex(CBA1E2)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | CBA1E2                    |
| RGB         | 203, 161, 226             |
| RGB Percent | 80%, 63%, 89%             |
| CMY         | 0.2039, 0.3686, 0.1137    |
| CMYK        | 0.10, 0.29, 0.00, 0.11    |
| HSL         | 279°, 53%, 76%            |
| HSV         | 279°, 29%, 89%            |
| XYZ         | 51.1009, 43.6772, 77.6887 |
| YIQ         | 180.9680, 4.1670, 29.1190 |

# Conversions

## Conversions Part 2

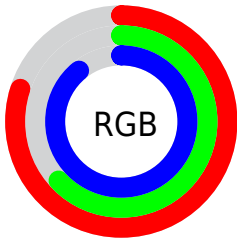
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 203, 161, 226                 |
| Decimal                             | 13345250                      |
| CIE Lab                             | 72.01, 27.21, -26.97          |
| CIE LCh                             | 72, 38.308, 315.248           |
| Yxy                                 | 43.6772, 0.2963,<br>0.2532    |
| Android<br>(android.graphics.Color) | 4291535330<br>(0xFFCBA1E2)    |
| YUV                                 | 180.9680, 22.2008,<br>19.3221 |
| Hunter-Lab                          | 66.0888, 22.3639,<br>-23.4345 |

# Details

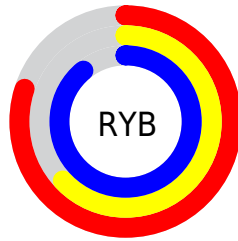
The Hex color **CBA1E2** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B8E2A1**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFD8FF**, and **946DAA** is the 20% darker color. If you saturate the color by 10%, you get **C38AE2**, and if you desaturate by 10%, it is **D3B8E2**.

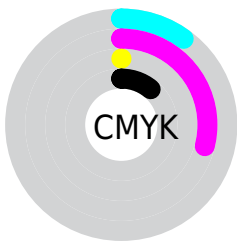
# Distribution



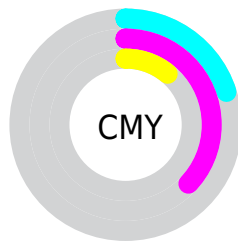
- Red (80%)
- Green (63%)
- Blue (89%)



- Red (80%)
- Yellow (63%)
- Blue (89%)



- Cyan (10%)
- Magenta (29%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (37%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBA1E2 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 CBA1E2 by changing the saturation by 10% instead.



 CBA1E2

FFFFFF

 FFD8FF

 FFF5FF

 CBA1E2

 AF87C6

 946DAA

 7A5490

 603C76

 48265D

 300F45

 1C002F

 000119

 000000

 CBA1E2

 CBA1E2

 C38AE2

 D3B8E2

 BB74E2

 DBCEE2

 B35DE2

 E3E5E2

 AB47E2

 EBFBE2

 A330E2

 F3FFE2

 9B19E2

 FBFFE2

 9303E2

 FFFFE2

 9200E2

# Harmonies

## Analogous

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



9BAEF4



CBA1E2



EA97C3

# Triad

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



CBA1E2



D7A86D



31C3C2

# Complementary

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



CBA1E2



B8E2A1

# 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.



62C29E



CBA1E2



B6B46C

# Square

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



CBA1E2



ED9D80



8FBD7E



24C0E1

# Rectangle

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



CBA1E2



F495AC



8FBD7E



41C3B6



# Sweetspot

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



CBA1E2



F7E8FF



A1B9E2



7B7180



000000



808080



# Same Dimension

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



CBA1E2



DFA6FF



E2A1D9



6C6570



7200B0



1F0030



# Inverse Universe

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



E2A1B8



FFA6C5



A1E2AA



706569



B0003E

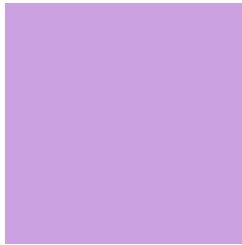


300011



# Previews

## White Background



This preview shows how the Hex color CBA1E2 looks on a white background.

## Color Contrast Check

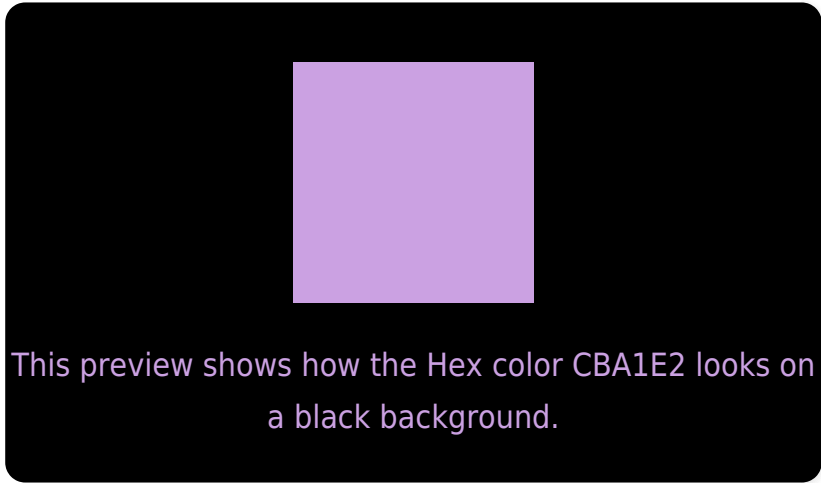
Large Text (above 18pt) WCAG AA × Fail

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

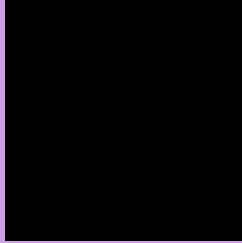
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CBA1E2 Background



This preview shows how black text looks on a background with the Hex color CBA1E2.

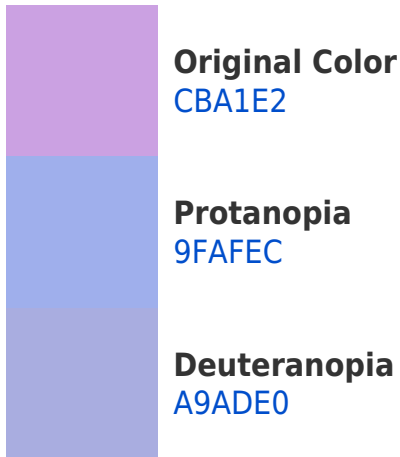


This preview shows how white text looks on a background with the Hex color CBA1E2.

# 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](#).

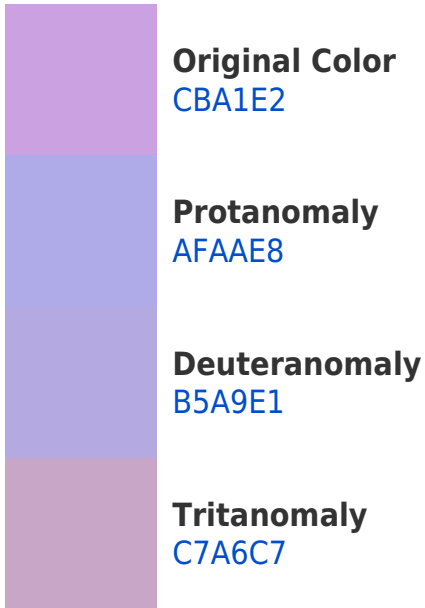
## Dichromacy



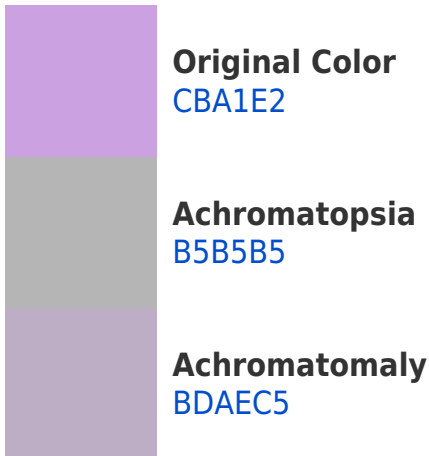


**Tritanopia**  
C4A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBA1E2 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 #CBA1E2 looks like.

```
.text, #text, p{  
    color:#CBA1E2  
}
```

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 #CBA1E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBA1E2
}
```

## Border

The CSS property to change the border of an element to Hex CBA1E2 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
#CBA1E2 }
```

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

```
.border{ border-color:#CBA1E2 }
```

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

Here you see how a box with a 4 pixel #CBA1E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBA1E2; -webkit-box-shadow:4px 4px  
4px 4px #CBA1E2; box-shadow:4px 4px 4px  
4px #CBA1E2 }
```

# Background

The CSS property to change the background color of an element to Hex CBA1E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBA1E2 }
```

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

```
.background{ background-color:#CBA1E2 }
```

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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