

Converting Colors

Hex(CBA2E0)

Have a look what the booklet for
Hex(CBA2E0) contains.

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Color

Hex(CBA2E0)

Conversions

Conversions Part 1

Format	Color
Hex	CBA2E0
RGB	203, 162, 224
RGB Percent	80%, 64%, 88%
CMY	0.2039, 0.3647, 0.1216
CMYK	0.09, 0.28, 0.00, 0.12
HSL	280°, 50%, 76%
HSV	280°, 28%, 88%
XYZ	51.0035, 43.9190, 76.3100
YIQ	181.3270, 4.5340, 27.9740

Conversions

Conversions Part 2

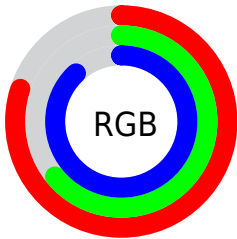
Format	Color
R_{YB}	203, 162, 224
Decimal	13345504
CIE _{Lab}	72.17, 26.25, -25.63
CIE _{LCh}	72, 36.684, 315.685
Yxy	43.9190, 0.2979, 0.2565
Android (android.graphics.Color)	4291535584 (0xFFCBA2E0)
YUV	181.3270, 21.0378, 19.0072
Hunter-Lab	66.2714, 21.4014, -21.8811

Details

The Hex color **CBA2E0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B7E0A2**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFD9FF**, and **946EA9** is the 20% darker color. If you saturate the color by 10%, you get **C38CE0**, and if you desaturate by 10%, it is **D3B8E0**.

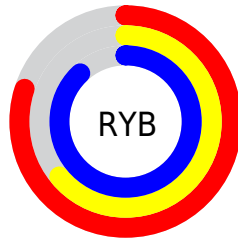
Distribution



Red (80%)

Green (64%)

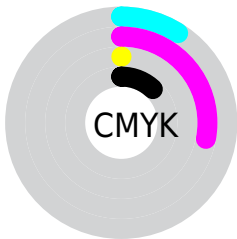
Blue (88%)



Red (80%)

Yellow (64%)

Blue (88%)

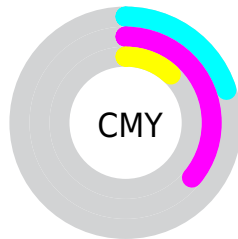


Cyan (9%)

Magenta (28%)

Yellow (0%)

Black (12%)



Cyan (20%)

Magenta (36%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBA2E0 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 CBA2E0 by changing the saturation by 10% instead.

 CBA2E0

 CBA2E0

FFFFFF

 AF88C4

 FFD9FF

 946EA9

 FFF6FF

 7A558E

 603D74

 48275B

 301144

 1C002D

 000118

 000000

 CBA2E0

 CBA2E0

 C38CE0

 D3B8E0

 BC75E0

 DACFE0

 B45FE0

 E2E5E0

 AD48E0

 E9FCE0

 A532E0

 F1FFE0

 9D1CE0

 F9FFE0

 9605E0

 FFFFE0

 9400E0

Harmonies

Analogous

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



9EAEF1



CBA2E0



E899C2

Triad

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



CBA2E0



D6A970



3DC3C2

Complementary

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



CBA2E0



B7E0A2

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.



66C29F



CBA2E0



B6B470

Square

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



CBA2E0



EC9E82



90BD81



36C0E0

Rectangle

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



CBA2E0



F297AC



90BD81



4AC3B6

Sweetspot

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



CBA2E0



F8EBFF



A2B8E0



7B7380



000000



808080

Same Dimension

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



CBA2E0



E2ABFF



E0A2D7



6C6570



7400B0



200030

Inverse Universe

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



E0A2B7



FFABC7



A2E0AB



706569



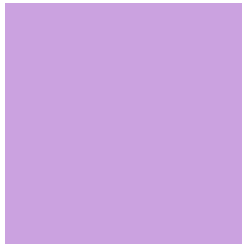
B0003C



300010

Previews

White Background



This preview shows how the Hex color CBA2E0 looks on a white background.

Color Contrast Check

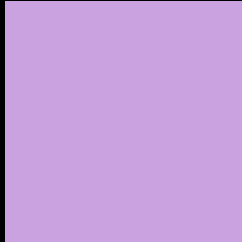
Large Text (above 18pt) WCAG AA × Fail

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 CBA2E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

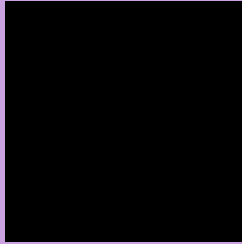
Any Text WCAG AA ✓ Pass

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 CBA2E0 Background



This preview shows how black text looks on a background with the Hex color CBA2E0.

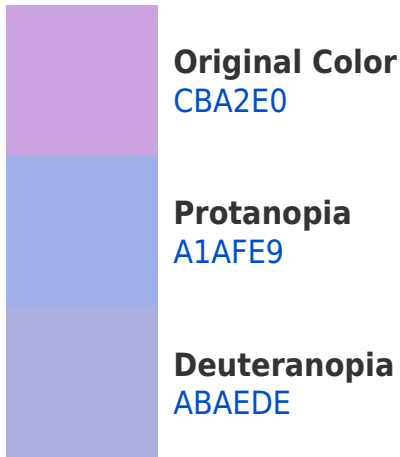


This preview shows how white text looks on a background with the Hex color CBA2E0.

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](#).

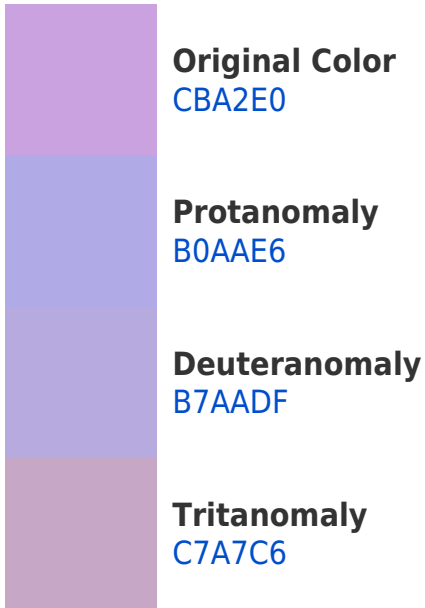
Dichromacy



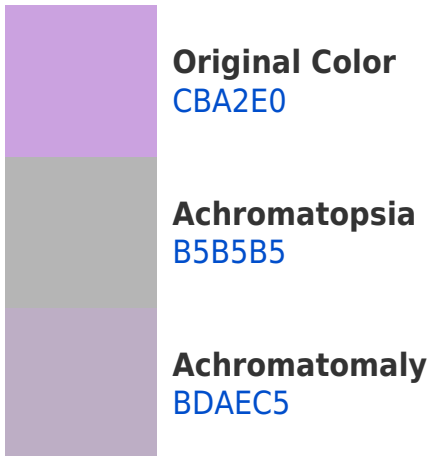


Tritanopia
C5AAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBA2E0 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 #CBA2E0 looks like.

```
.text, #text, p{  
    color:#CBA2E0  
}
```

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 #CBA2E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBA2E0
}
```

Border

The CSS property to change the border of an element to Hex CBA2E0 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
#CBA2E0 }
```

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

```
.border{ border-color:#CBA2E0 }
```

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

Here you see how a box with a 4 pixel #CBA2E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBA2E0; -webkit-box-shadow:4px 4px  
4px 4px #CBA2E0; box-shadow:4px 4px 4px  
4px #CBA2E0 }
```

Background

The CSS property to change the background color of an element to Hex CBA2E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBA2E0 }
```

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

```
.background{ background-color:#CBA2E0 }
```

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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