

Converting Colors

Hex(CBB6EA)

Have a look what the booklet for
Hex(CBB6EA) contains.

Hex(CBB6EA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CBB6EA)

Conversions

Conversions Part 1

Format	Color
Hex	CBB6EA
RGB	203, 182, 234
RGB Percent	80%, 71%, 92%
CMY	0.2039, 0.2863, 0.0824
CMYK	0.13, 0.22, 0.00, 0.08
HSL	264°, 55%, 82%
HSV	264°, 22%, 92%
XYZ	56.2078, 52.0929, 84.9344
YIQ	194.2070, -4.1760, 20.6240

Conversions

Conversions Part 2

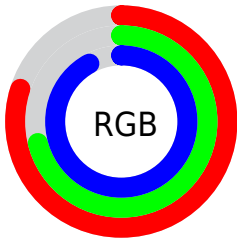
Format	Color
R _Y B	203, 182, 234
Decimal	13350634
CIE Lab	77.34, 17.37, -23.18
CIE LCh	77, 28.970, 306.847
Yxy	52.0929, 0.2909, 0.2696
Android (android.graphics.Color)	4291540714 (0xFFCBB6EA)
YUV	194.2070, 19.6179, 7.7115
Hunter-Lab	72.1754, 12.7029, -19.2483

Details

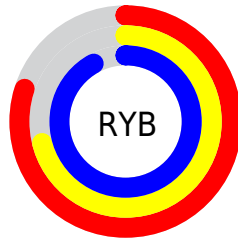
The Hex color **CBB6EA** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D5EAB6**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFEEFF**, and **9481B2** is the 20% darker color. If you saturate the color by 10%, you get **BD9FEA**, and if you desaturate by 10%, it is **D9CDEA**.

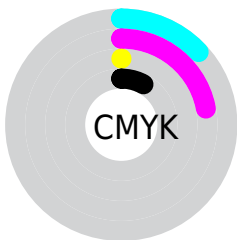
Distribution



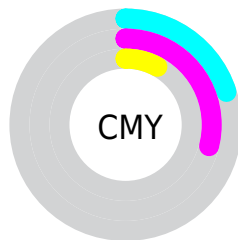
- Red (80%)
- Green (71%)
- Blue (92%)



- Red (80%)
- Yellow (71%)
- Blue (92%)



- Cyan (13%)
- Magenta (22%)
- Yellow (0%)
- Black (8%)



- Cyan (20%)
- Magenta (29%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBB6EA 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 CBB6EA by changing the saturation by 10% instead.

 CBB6EA

FFFFFF

 FFEEFF

 CBB6EA

 AF9BCE

 9481B2

 7A6897

 61507D

 493964

 31234C

 1B0F35

 000020

 000003

 CBB6EA

 CBB6EA

 BD9FEA

 D9CDEA

 AF87EA

 E7E5EA

 A170EA

 F5FCEA

 9358EA

 FFFFEA

 8541EA

 772AEA

 6912EA

 5E00EA

Harmonies

Analogous

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



A6BFF4



CBB6EA



E7AED5

Triad

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



CBB6EA



E4B68E



76CEC4

Complementary

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



CBB6EA



D5EAB6

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.



90CCA9



CBB6EA



CCBF8A

Square

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



CBB6EA



F3AFA0



AFC793



6ECDDE

Rectangle

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



CBB6EA



F2ACC3



AFC793



7ECEBB

Sweetspot

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



CBB6EA



F4EDFF



B6D5EA



797580



000000



808080

Same Dimension

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



CBB6EA



D6BAFF



E5B6EA



6E6A75



4900B5



160036

Inverse Universe

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



EAB6D5



FFBAE3



BBEAB6



756A71



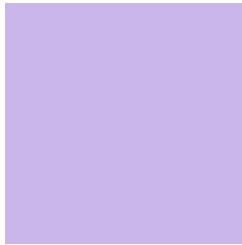
B5006C



360020

Previews

White Background



This preview shows how the Hex color CBB6EA looks on a white background.

Color Contrast Check

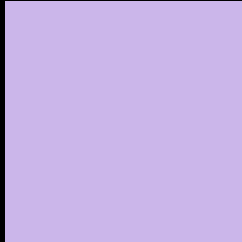
Large Text (above 18pt) WCAG AA × Fail

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 CBB6EA 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 CBB6EA Background



This preview shows how black text looks on a background with the Hex color CBB6EA.

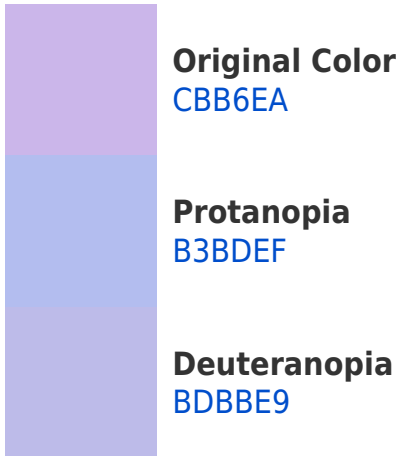


This preview shows how white text looks on a background with the Hex color CBB6EA.

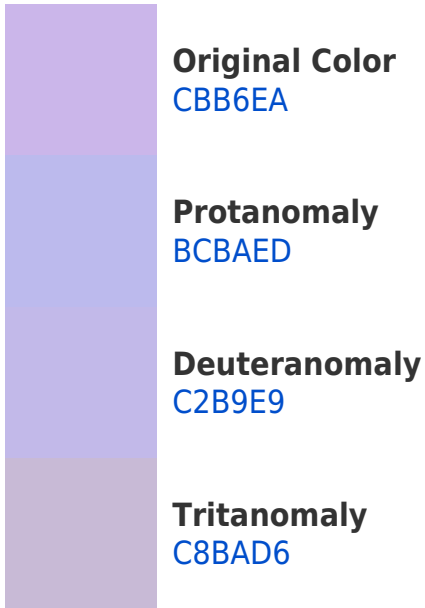
Color Blindness Simulation

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](#).

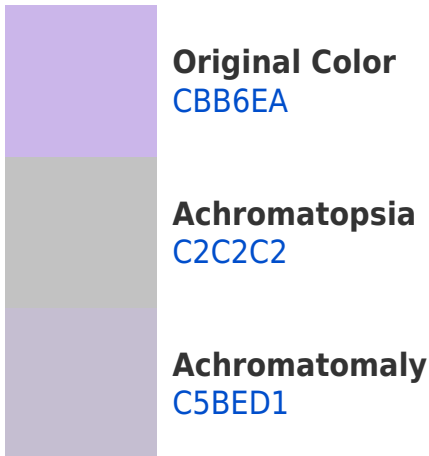
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBB6EA 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 #CBB6EA looks like.

```
.text, #text, p{  
    color:#CBB6EA  
}
```

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 #CBB6EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBB6EA
}
```

Border

The CSS property to change the border of an element to Hex CBB6EA 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
#CBB6EA }
```

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

```
.border{ border-color:#CBB6EA }
```

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

Here you see how a box with a 4 pixel #CBB6EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBB6EA; -webkit-box-shadow:4px 4px  
4px 4px #CBB6EA; box-shadow:4px 4px 4px  
4px #CBB6EA }
```

Background

The CSS property to change the background color of an element to Hex CBB6EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBB6EA }
```

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

```
.background{ background-color:#CBB6EA }
```

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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