

Converting Colors

Hex(CB99E5)

Have a look what the booklet for
Hex(CB99E5) contains.

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Color

Hex(CB99E5)

Conversions

Conversions Part 1

Format	Color
Hex	CB99E5
RGB	203, 153, 229
RGB Percent	80%, 60%, 90%
CMY	0.2039, 0.4000, 0.1020
CMYK	0.11, 0.33, 0.00, 0.10
HSL	279°, 59%, 75%
HSV	279°, 33%, 90%
XYZ	50.1627, 41.1361, 79.4249
YIQ	176.6140, 5.4040, 34.2360

Conversions

Conversions Part 2

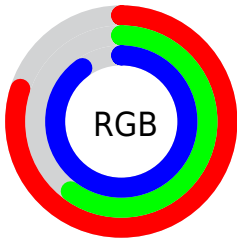
Format	Color
R_{YB}	203, 153, 229
Decimal	13343205
CIE _{Lab}	70.27, 32.21, -31.29
CIE _{LCh}	70, 44.906, 315.823
Yxy	41.1361, 0.2938, 0.2410
Android (android.graphics.Color)	4291533285 (0xFFCB99E5)
YUV	176.6140, 25.8263, 23.1405
Hunter-Lab	64.1374, 27.3665, -28.5259

Details

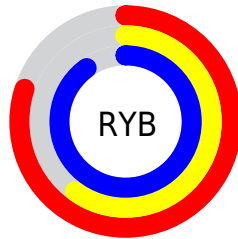
The Hex color **CB99E5** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B3E599**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFD0FF**, and **9465AD** is the 20% darker color. If you saturate the color by 10%, you get **C382E5**, and if you desaturate by 10%, it is **D3B0E5**.

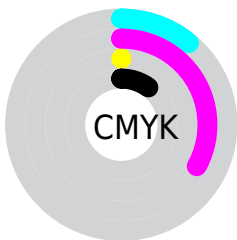
Distribution



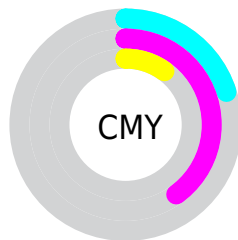
- Red (80%)
- Green (60%)
- Blue (90%)



- Red (80%)
- Yellow (60%)
- Blue (90%)



- Cyan (11%)
- Magenta (33%)
- Yellow (0%)
- Black (10%)



- Cyan (20%)
- Magenta (40%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB99E5 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 CB99E5 by changing the saturation by 10% instead.

 CB99E5

FFFFFF

 FFD0FF

 FFECFF

 CB99E5

 AF7FC9

 9465AD

 794D92

 603578

 461D5F

 2E0547

 1C0031

 00011B

 000000

 CB99E5

 CB99E5

 C382E5

 D3B0E5

 BB6BE5

 DBC7E5

 B354E5

 E3DEE5

 AC3DE5

 EAF5E5

 A427E5

 F2FFE5

 9C10E5

 FAF5E5

 9700E5

 FFF5E5

Harmonies

Analogous

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



91A8FA



CB99E5



EE8DC1

Triad

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



CB99E5



D6A35C



00C1C1

Complementary

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



CB99E5



B3E599

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.



47C096



CB99E5



B0B05B

Square

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



CB99E5



F09473



82BA71



00BEE5

Rectangle

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



CB99E5



F98AA5



82BA71



00C1B3

Sweetspot

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



CB99E5



F6E6FF



99B4E5



7A7080



000000



808080

Same Dimension

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



CB99E5



DC99FF



E599DA



6F6773



7500B3



220033

Inverse Universe

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



E599B3



FF99BC



99E5A4



73676B



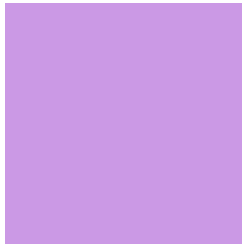
B3003D



330011

Previews

White Background



This preview shows how the Hex color CB99E5 looks on a white background.

Color Contrast Check

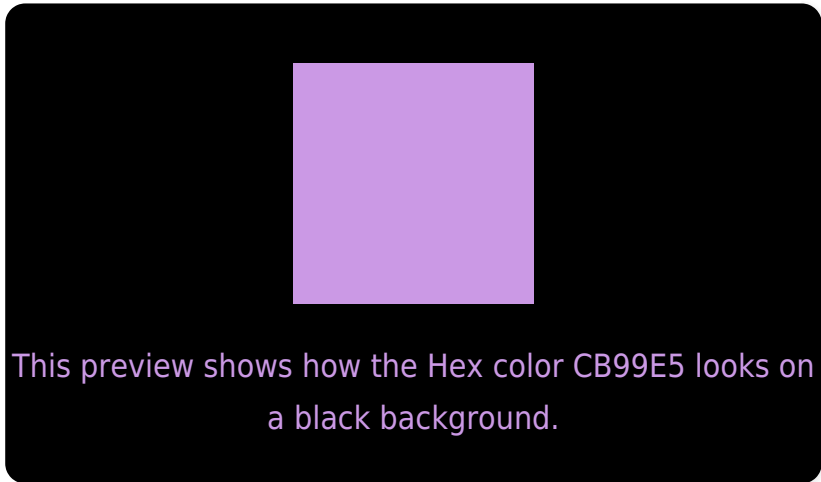
Large Text (above 18pt) WCAG AA × Fail

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

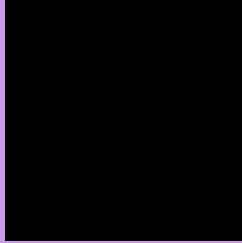
Any Text WCAG AA ✓ Pass

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 CB99E5 Background



This preview shows how black text looks on a background with the Hex color CB99E5.

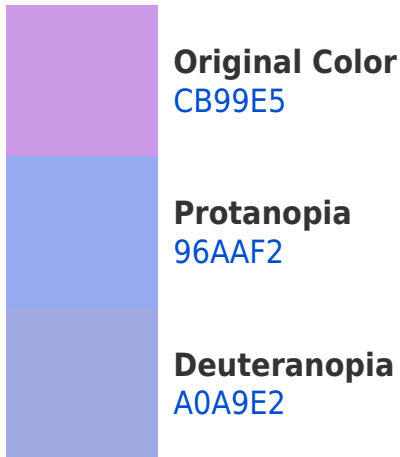


This preview shows how white text looks on a background with the Hex color CB99E5.

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](#).

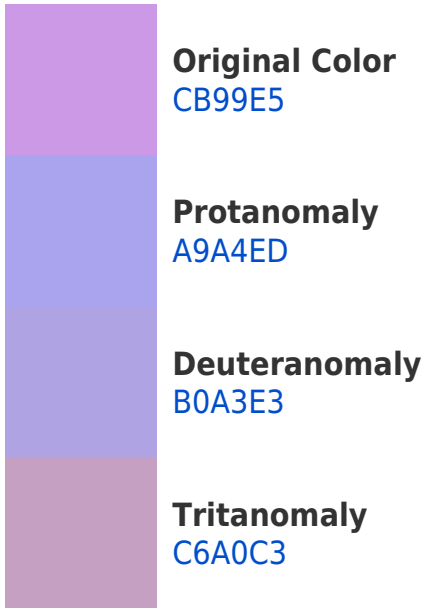
Dichromacy



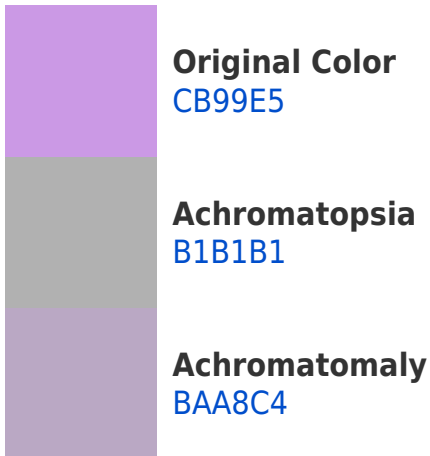


Tritanopia
C3A4B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB99E5 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 #CB99E5 looks like.

```
.text, #text, p{  
    color:#CB99E5  
}
```

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 #CB99E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB99E5
}
```

Border

The CSS property to change the border of an element to Hex CB99E5 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
#CB99E5 }
```

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

```
.border{ border-color:#CB99E5 }
```

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

Here you see how a box with a 4 pixel #CB99E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB99E5; -webkit-box-shadow:4px 4px  
4px 4px #CB99E5; box-shadow:4px 4px 4px  
4px #CB99E5 }
```

Background

The CSS property to change the background color of an element to Hex CB99E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB99E5 }
```

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

```
.background{ background-color:#CB99E5 }
```

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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