

Converting Colors

Hex(CAB4E9)

Have a look what the booklet for
Hex(CAB4E9) contains.

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Color

Hex(CAB4E9)

Conversions

Conversions Part 1

Format	Color
Hex	CAB4E9
RGB	202, 180, 233
RGB Percent	79%, 71%, 91%
CMY	0.2078, 0.2941, 0.0863
CMYK	0.13, 0.23, 0.00, 0.09
HSL	265°, 55%, 81%
HSV	265°, 23%, 91%
XYZ	55.3864, 51.0823, 84.0315
YIQ	192.6200, -3.9010, 21.1470

Conversions

Conversions Part 2

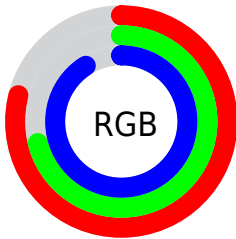
Format	Color
R_{YB}	202, 180, 233
Decimal	13284585
CIE _{Lab}	76.73, 17.94, -23.58
CIE _{LCh}	77, 29.623, 307.265
Yxy	51.0823, 0.2907, 0.2681
Android (android.graphics.Color)	4291474665 (0xFFCAB4E9)
YUV	192.6200, 19.9073, 8.2263
Hunter-Lab	71.4719, 13.2509, -19.6786

Details

The Hex color **CAB4E9** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D3E9B4**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFECFF**, and **937FB1** is the 20% darker color. If you saturate the color by 10%, you get **BC9DE9**, and if you desaturate by 10%, it is **D8CBE9**.

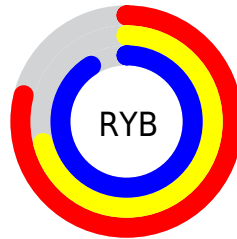
Distribution



Red (79%)

Green (71%)

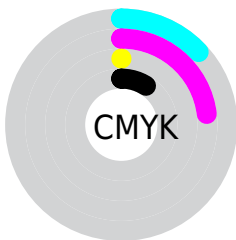
Blue (91%)



Red (79%)

Yellow (71%)

Blue (91%)

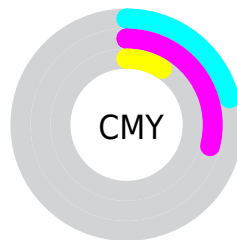


Cyan (13%)

Magenta (23%)

Yellow (0%)

Black (9%)



Cyan (21%)

Magenta (29%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAB4E9 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 CAB4E9 by changing the saturation by 10% instead.

 CAB4E9

FFFFFF

 FFECFF

 CAB4E9

 AE99CD

 937FB1

 796696

 604E7C

 483763

 30214B

 1A0D34

 00001F

 000002

 CAB4E9

 CAB4E9

 BC9DE9

 D8CBE9

 AF85E9

 E5E3E9

 A16EE9

 F3FAE9

 9357E9

 FFFFE9

 8640E9

 7828E9

 6B11E9

 6100E9

Harmonies

Analogous

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



A4BEF3



CAB4E9



E6ACD3

Triad

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



CAB4E9



E3B58C



72CDC3

Complementary

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



CAB4E9



D3E9B4

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.



8DCBA7



CAB4E9



CABE87

Square

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



CAB4E9



F2AD9D



ACC691



6ACBDE

Rectangle

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



CAB4E9



F1A9C1



ACC691



7ACDBA

Sweetspot

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



CAB4E9



F5EDFF



B4D4E9



7A7580



000000



808080

Same Dimension

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



CAB4E9



D7BAFF



E4B4E9



6E6A75



4B00B5



160036

Inverse Universe

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



E9B4D3



FFBAE2



B9E9B4



756A70



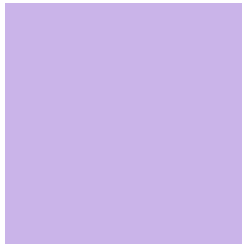
B5006A



36001F

Previews

White Background



This preview shows how the Hex color CAB4E9 looks on a white background.

Color Contrast Check

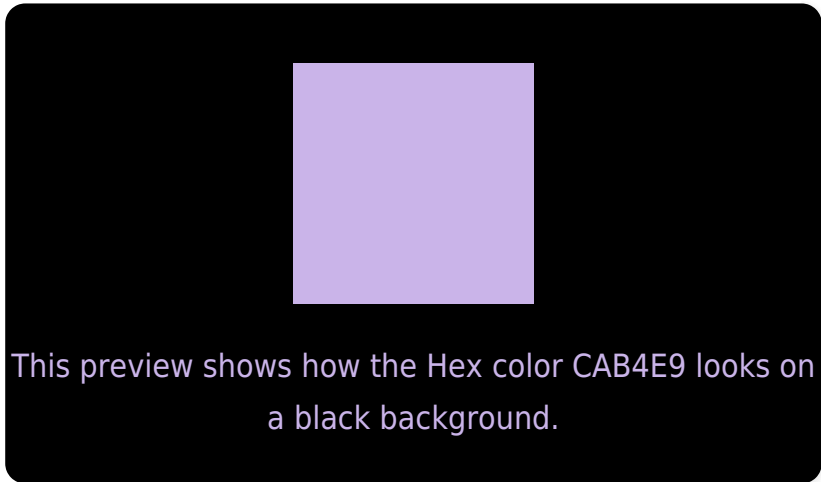
Large Text (above 18pt) WCAG AA × Fail

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 CAB4E9 Background



This preview shows how black text looks on a background with the Hex color CAB4E9.

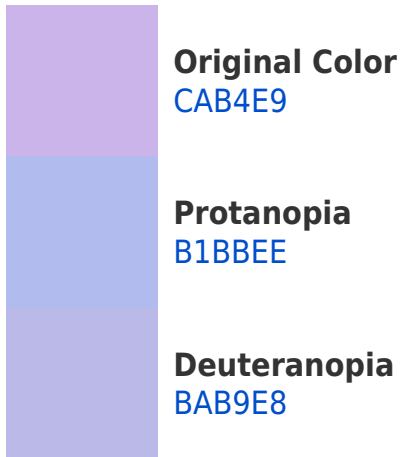



This preview shows how white text looks on a background with the Hex color CAB4E9.

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
C5BAC9

Trichromacy



Original Color
CAB4E9

Protanomaly
BAB8EC

Deuteranomaly
C0B7E8

Tritanomaly
C7B8D5

Monochromacy



Original Color
CAB4E9

Achromatopsia
C1C1C1

Achromatomaly
C4BCD0

CSS Examples

Text

The CSS property to change the color of the text to Hex CAB4E9 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 #CAB4E9 looks like.

```
.text, #text, p{  
    color:#CAB4E9  
}
```

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 #CAB4E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAB4E9
}
```

Border

The CSS property to change the border of an element to Hex CAB4E9 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
#CAB4E9 }
```

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

```
.border{ border-color:#CAB4E9 }
```

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

Here you see how a box with a 4 pixel #CAB4E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAB4E9; -webkit-box-shadow:4px 4px  
4px 4px #CAB4E9; box-shadow:4px 4px 4px  
4px #CAB4E9 }
```

Background

The CSS property to change the background color of an element to Hex CAB4E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAB4E9 }
```

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

```
.background{ background-color:#CAB4E9 }
```

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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