

Converting Colors

Hex(CB5AC4)

Have a look what the booklet for
Hex(CB5AC4) contains.

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Color

Hex(CB5AC4)

Conversions

Conversions Part 1

Format	Color
Hex	CB5AC4
RGB	203, 90, 196
RGB Percent	80%, 35%, 77%
CMY	0.2039, 0.6471, 0.2314
CMYK	0.00, 0.56, 0.03, 0.20
HSL	304°, 52%, 57%
HSV	304°, 56%, 80%
XYZ	38.2486, 23.9944, 54.8400
YIQ	135.8710, 33.3220, 56.9220

Conversions

Conversions Part 2

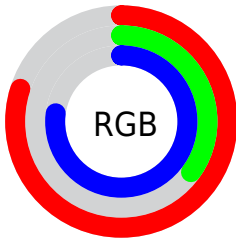
Format	Color
R_{YB}	203, 90, 196
Decimal	13327044
CIE _{Lab}	56.08, 58.44, -34.85
CIE _{LCh}	56, 68.045, 329.195
Yxy	23.9944, 0.3267, 0.2049
Android (android.graphics.Color)	4291517124 (0xFFCB5AC4)
YUV	135.8710, 29.6436, 58.8721
Hunter-Lab	48.9840, 53.6574, -32.0892

Details

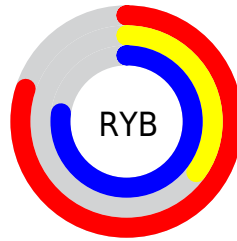
The Hex color **CB5AC4** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **5ACB61**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF91FD**, and **921F8E** is the 20% darker color. If you saturate the color by 10%, you get **CB46C3**, and if you desaturate by 10%, it is **CB6EC5**.

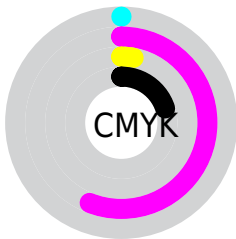
Distribution



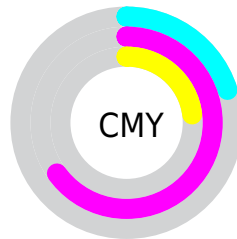
- Red (80%)
- Green (35%)
- Blue (77%)



- Red (80%)
- Yellow (35%)
- Blue (77%)



- Cyan (0%)
- Magenta (56%)
- Yellow (3%)
- Black (20%)



- Cyan (20%)
- Magenta (65%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB5AC4 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 CB5AC4 by changing the saturation by 10% instead.

 CB5AC4

 CB5AC4

FFFFFF

 AE3EA9

 FF91FD

 921F8E

 FFADFF

 760074

 FFCAFF

 5B005B

 FFE7FF

 410043

 28002C

 000116

 000000

 CB5AC4

 CB5AC4

 CB46C3

 CB6EC5

 CB31C1

 CB83C7

 CB1DC0

 CB97C8

 CB09BF

 CBABC9

 CB00BE

 CBC0CA

 CBD4CC

 CBE8CD

 CBFCCE

 CBFFCF

Harmonies

Analogous

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



7F77EF



CB5AC4



EC468B

Triad

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



CB5AC4



A38300



00A1BF

Complementary

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



CB5AC4



5ACB61

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.



00A183



CB5AC4



689400

Square

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



CB5AC4



D06B19



009D46



009BEC

Rectangle

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



CB5AC4



EE4A63



009D46



00A1AC

Sweetspot

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



CB5AC4



FFD4FC



605ACB



80667E



000000



808080

Same Dimension

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



CB5AC4



FF54F4



CB5A8D



665C65



A6009B



260024

Inverse Universe

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



CB5AC4



FF54F4



5ACB98



665C65



A6009B



260024

Previews

White Background



This preview shows how the Hex color CB5AC4 looks on a white background.

Color Contrast Check

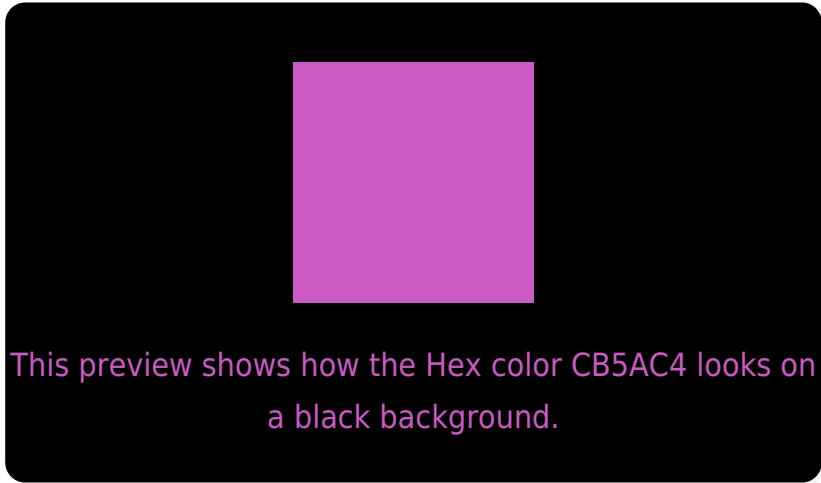
Large Text (above 18pt) WCAG AA ✓ Pass

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

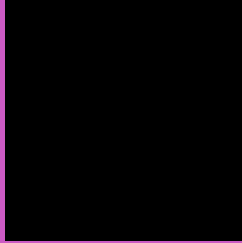
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex CB5AC4 Background



This preview shows how black text looks on a background with the Hex color CB5AC4.

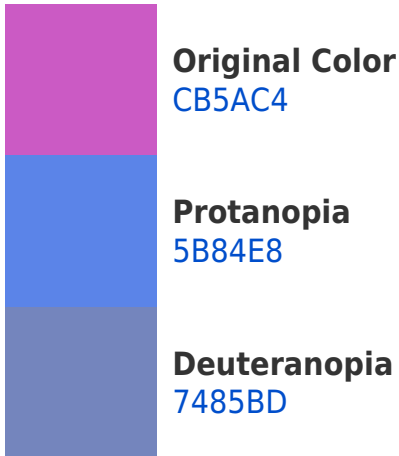



This preview shows how white text looks on a background with the Hex color CB5AC4.

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](#).

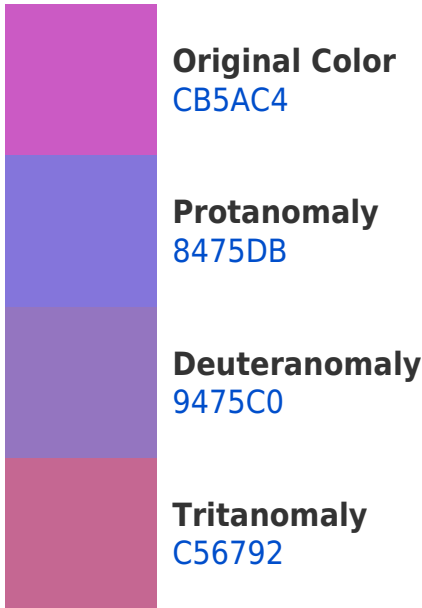
Dichromacy





Tritanopia
C26E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB5AC4 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 #CB5AC4 looks like.

```
.text, #text, p{  
    color:#CB5AC4  
}
```

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 #CB5AC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB5AC4
}
```

Border

The CSS property to change the border of an element to Hex CB5AC4 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
#CB5AC4 }
```

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

```
.border{ border-color:#CB5AC4 }
```

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

Here you see how a box with a 4 pixel #CB5AC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB5AC4; -webkit-box-shadow:4px 4px  
4px 4px #CB5AC4; box-shadow:4px 4px 4px  
4px #CB5AC4 }
```

Background

The CSS property to change the background color of an element to Hex CB5AC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB5AC4 }
```

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

```
.background{ background-color:#CB5AC4 }
```

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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