

Converting Colors

Hex(C84BEA)

Have a look what the booklet for
Hex(C84BEA) contains.

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Color

Hex(C84BEA)

Conversions

Conversions Part 1

Format	Color
Hex	C84BEA
RGB	200, 75, 234
RGB Percent	78%, 29%, 92%
CMY	0.2157, 0.7059, 0.0824
CMYK	0.15, 0.68, 0.00, 0.08
HSL	287°, 79%, 61%
HSV	287°, 68%, 92%
XYZ	41.1868, 23.2520, 80.1592
YIQ	130.5010, 23.4610, 75.9490

Conversions

Conversions Part 2

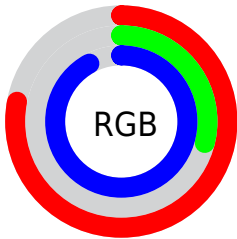
Format	Color
RYB	200, 75, 234
Decimal	13126634
CIELab	55.33, 70.90, -57.61
CIELCh	55, 91.354, 320.907
Yxy	23.2520, 0.2848, 0.1608
Android (android.graphics.Color)	4291316714 (0xFFC84BEA)
YUV	130.5010, 51.0250, 60.9506
Hunter-Lab	48.2204, 68.0778, -64.8066

Details

The Hex color **C84BEA** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **6DEA4B**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF85FF**, and **8E00B1** is the 20% darker color. If you saturate the color by 10%, you get **C334EA**, and if you desaturate by 10%, it is **CD62EA**.

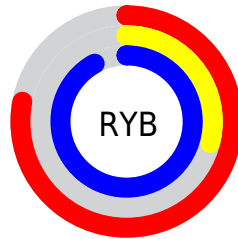
Distribution



Red (78%)

Green (29%)

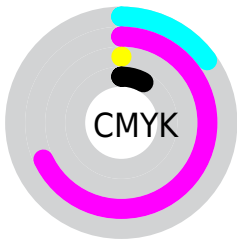
Blue (92%)



Red (78%)

Yellow (29%)

Blue (92%)

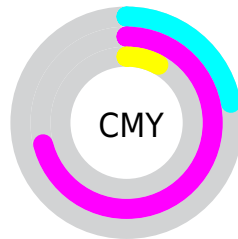


Cyan (15%)

Magenta (68%)

Yellow (0%)

Black (8%)



Cyan (22%)

Magenta (71%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color C84BEA 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 C84BEA by changing the saturation by 10% instead.

 C84BEA

 C84BEA

FFFFFF

 AB2BCD

 FF85FF

 8E00B1

 FFA1FF

 710096

 FFBEFF

 55007B

 FFDBFF

 390062

 FFF9FF

 1B0049

 000031

 00011B

 000000

 C84BEA

 C84BEA

 C334EA

 CD62EA

 BE1CEA

 D27AEA

 B905EA

 D791EA

 B800EA

 DCA9EA

 E1C0EA

 E6D7EA

 EBEFEA

 F0FFEA

 F5FFEA

Harmonies

Analogous

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



007BFF



C84BEA



FF00A0

Triad

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



C84BEA



B57900



00A5BB

Complementary

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



C84BEA



6DEA4B

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.



00A369



C84BEA



6C9100

Square

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



C84BEA



EB4F00



009E00



00A2FF

Rectangle

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



C84BEA



FF006C



009E00



00A5A1

Sweetspot

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



C84BEA



F4CCFF



4B6DEA



796180



000000



808080

Same Dimension

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



C84BEA



D22EFF



EA4BBD



736A75



8E00B5



2A0036

Inverse Universe

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



EA4B6D



FF2E5B



4BEA78



756A6C



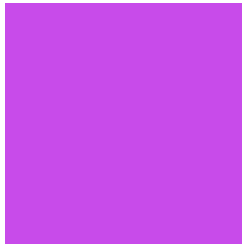
B50027



36000B

Previews

White Background



This preview shows how the Hex color C84BEA looks on a white background.

Color Contrast Check

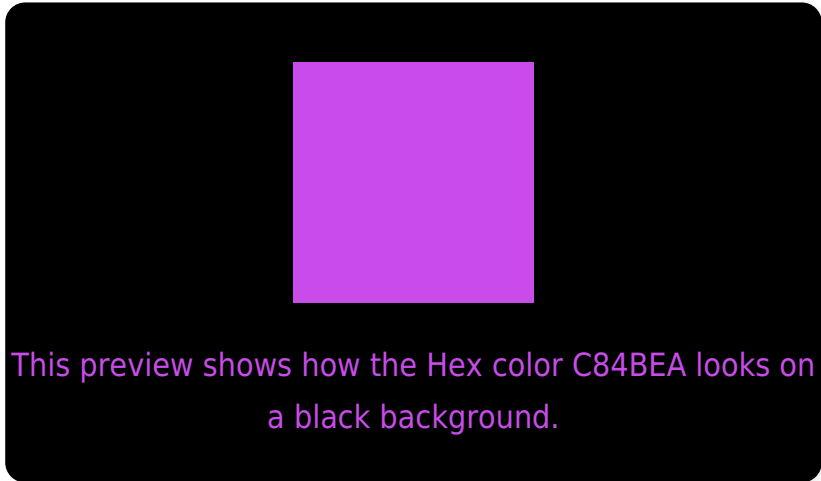
Large Text (above 18pt) WCAG AA ✓ Pass

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

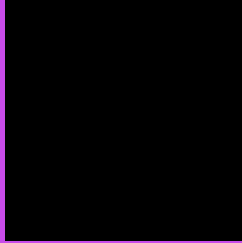
Any Text WCAG AA ✓ Pass

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 C84BEA Background



This preview shows how black text looks on a background with the Hex color C84BEA.

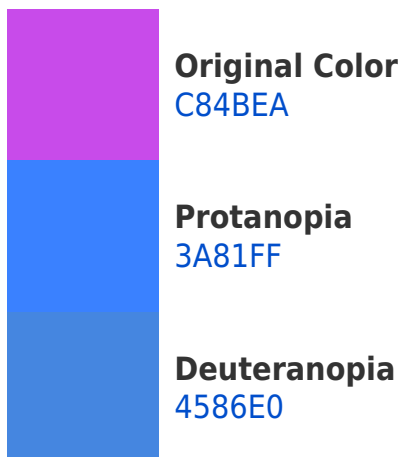


This preview shows how white text looks on a background with the Hex color C84BEA.

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](#).

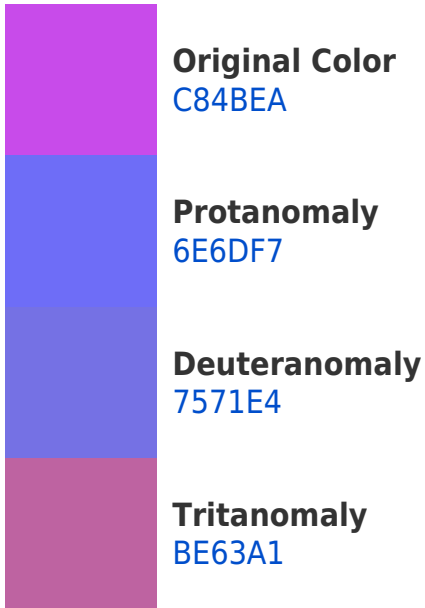
Dichromacy



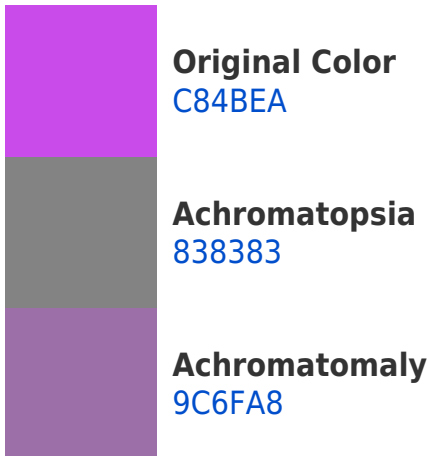


Tritanopia
B87078

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C84BEA 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 #C84BEA looks like.

```
.text, #text, p{  
    color:#C84BEA  
}
```

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 #C84BEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C84BEA
}
```

Border

The CSS property to change the border of an element to Hex C84BEA 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
#C84BEA }
```

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

```
.border{ border-color:#C84BEA }
```

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

Here you see how a box with a 4 pixel #C84BEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C84BEA; -webkit-box-shadow:4px 4px  
4px 4px #C84BEA; box-shadow:4px 4px 4px  
4px #C84BEA }
```

Background

The CSS property to change the background color of an element to Hex C84BEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C84BEA }
```

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

```
.background{ background-color:#C84BEA }
```

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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