

# Converting Colors

Hex(C84EEE)

Have a look what the booklet for  
Hex(C84EEE) contains.

<b>Hex(C84EEE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(C84EEE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C84EEE
RGB	200, 78, 238
RGB Percent	78%, 31%, 93%
CMY	0.2157, 0.6941, 0.0667
CMYK	0.16, 0.67, 0.00, 0.07
HSL	286°, 82%, 62%
HSV	286°, 67%, 93%
XYZ	41.9764, 23.9012, 83.2899
YIQ	132.7180, 21.3520, 75.6240

# Conversions

## Conversions Part 2

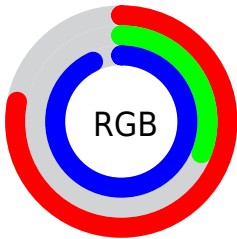
Format	Color
R <sub>Y</sub> B	200, 78, 238
Decimal	13127406
CIE Lab	55.99, 70.47, -58.79
CIE LCh	56, 91.775, 320.162
Yxy	23.9012, 0.2814, 0.1602
Android (android.graphics.Color)	4291317486 (0xFFC84EEE)
YUV	132.7180, 51.9040, 59.0063
Hunter-Lab	48.8888, 67.7063, -66.7878

# Details

The Hex color **C84EEE** 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 **74EE4E**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF87FF**, and **8E00B5** is the 20% darker color. If you saturate the color by 10%, you get **C236EE**, and if you desaturate by 10%, it is **CE66EE**.

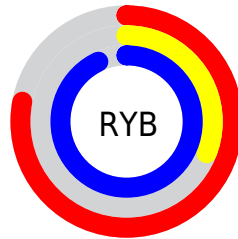
# Distribution



Red (78%)

Green (31%)

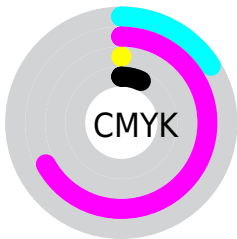
Blue (93%)



Red (78%)

Yellow (31%)

Blue (93%)

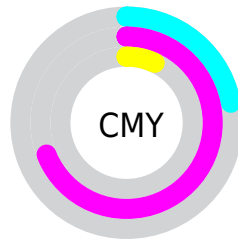


Cyan (16%)

Magenta (67%)

Yellow (0%)

Black (7%)



Cyan (22%)

Magenta (69%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C84EEE 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 C84EEE by changing the saturation by 10% instead.



 C84EEE

 C84EEE

FFFFFF

 AB2FD1

 FF87FF

 8E00B5

 FFA4FF

 71009A

 FFC1FF

 55007F

 FFDEFF

 380065

 FFFCFF

 1B004C

 000034

 00021E

 000000

 C84EEE

 C84EEE

 C236EE

 CE66EE

 BD1EEE

 D37EEE

 B707EE

 D995EE

 B500EE

 DFADEE

 E4C5EE

 EADDEE

 F0F5EE

 F5FFEE

 FBFFEE

# Harmonies

## Analogous

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



007DFF



C84EEE



FF00A4

# Triad

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



C84EEE



B97A00



00A7BB

# Complementary

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



C84EEE



74EE4E

# 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.



00A568



C84EEE



709200

# Square

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



C84EEE



EF4F00



009F00



00A4FF

# Rectangle

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



C84EEE



FF006F



009F00



00A7A0



# Sweetspot

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



C84EEE



F3CCFF



4E76EE



786180



000000



808080



# Same Dimension

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



C84EEE



CE30FF



EE4EC6



756C78



8C00B8



2B0038



# Inverse Universe

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



EE4E74



FF3062



4EEE76



786C6F



B8002C



38000D



# Previews

## White Background



This preview shows how the Hex color C84EEE looks on a white background.

## Color Contrast Check

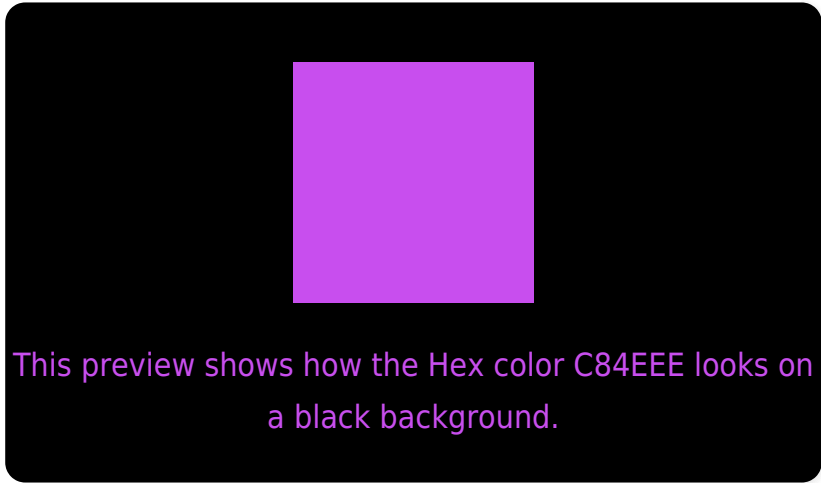
Large Text (above 18pt) WCAG AA ✓ Pass

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

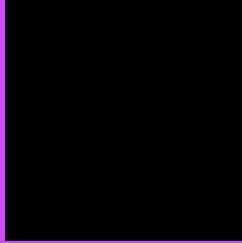
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C84EEE Background



This preview shows how black text looks on a background with the Hex color C84EEE.



This preview shows how white text looks on a background with the Hex color C84EEE.

# 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](#).

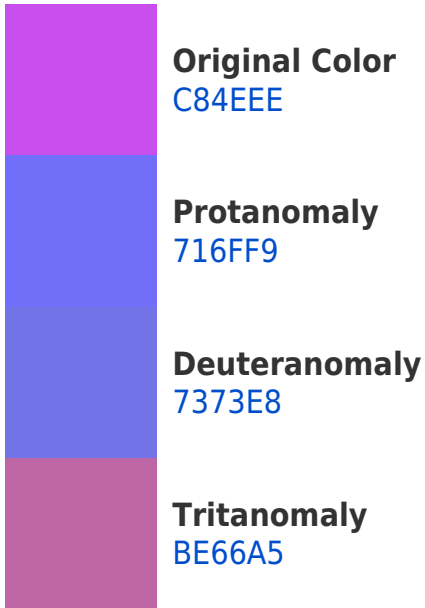
## Dichromacy



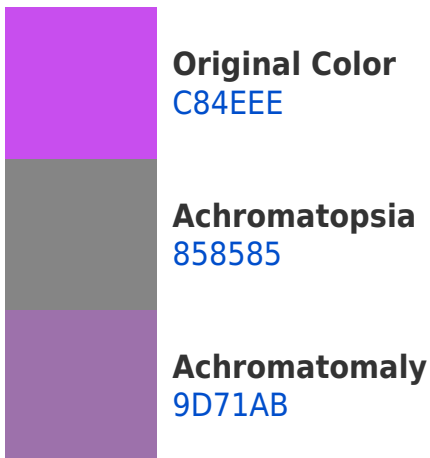


**Tritanopia**  
B8737B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C84EEE 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 #C84EEE looks like.

```
.text, #text, p{  
    color:#C84EEE  
}
```

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 #C84EEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C84EEE
}
```

## Border

The CSS property to change the border of an element to Hex C84EEE 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
#C84EEE }
```

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

```
.border{ border-color:#C84EEE }
```

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

Here you see how a box with a 4 pixel #C84EEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C84EEE; -webkit-box-shadow:4px 4px  
4px 4px #C84EEE; box-shadow:4px 4px 4px  
4px #C84EEE }
```

# Background

The CSS property to change the background color of an element to Hex C84EEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C84EEE }
```

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

```
.background{ background-color:#C84EEE }
```

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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