

# Converting Colors

Hex(C88ED4)

Have a look what the booklet for  
Hex(C88ED4) contains.

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# Color

**Hex(C88ED4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C88ED4
RGB	200, 142, 212
RGB Percent	78%, 56%, 83%
CMY	0.2157, 0.4431, 0.1686
CMYK	0.06, 0.33, 0.00, 0.17
HSL	290°, 45%, 69%
HSV	290°, 33%, 83%
XYZ	45.3761, 36.3788, 66.9176
YIQ	167.3220, 12.0980, 34.0660

# Conversions

## Conversions Part 2

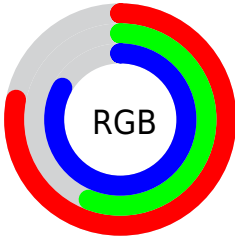
Format	Color
R <sub>Y</sub> B	200, 142, 212
Decimal	13143764
CIE Lab	66.81, 33.85, -27.27
CIE LCh	67, 43.466, 321.144
Yxy	36.3788, 0.3052, 0.2447
Android (android.graphics.Color)	4291333844 (0xFFC88ED4)
YUV	167.3220, 22.0263, 28.6586
Hunter-Lab	60.3149, 28.7381, -23.5601

# Details

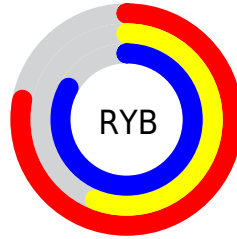
The Hex color **C88ED4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9AD48E**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFC4FF**, and **915B9D** is the 20% darker color. If you saturate the color by 10%, you get **C479D4**, and if you desaturate by 10%, it is **CCA3D4**.

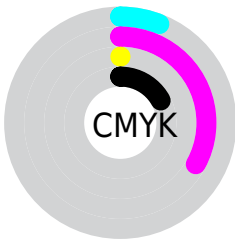
# Distribution



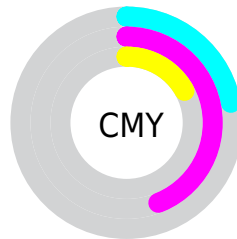
- Red (78%)
- Green (56%)
- Blue (83%)



- Red (78%)
- Yellow (56%)
- Blue (83%)



- Cyan (6%)
- Magenta (33%)
- Yellow (0%)
- Black (17%)



- Cyan (22%)
- Magenta (44%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C88ED4 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 C88ED4 by changing the saturation by 10% instead.



 C88ED4

 C88ED4

FFFFFF

 AC74B8

 FFC4FF

 915B9D

 FFE1FF

 774283

FFFEFF

 5D2A6A

 441251

 2C003A

 150024

 00000B

 000000

 C88ED4

 C88ED4

 C479D4

 CCA3D4

 C164D4

 CFB8D4

 BD4ED4

 D3CED4

 B939D4

 D7E3D4

 B624D4

 DAF8D4

 B20FD4

 DEFFD4

 B000D4

 E1FFD4

 E5FFD4

 E9FFD4

# Harmonies

## Analogous

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



949DEB



C88ED4



E684B0

# Triad

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



C88ED4



C59C54



00B7BD

# Complementary

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



C88ED4



9AD48E

# 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.



33B695



C88ED4



9FA957

# Square

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



C88ED4



E18E67



72B270



00B3DE

# Rectangle

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



C88ED4



ED8395



72B270



00B7B0



# Sweetspot

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



C88ED4



FBE6FF



8E9BD4



7D7080



000000



808080



# Same Dimension

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



C88ED4



EE99FF



D48EBE



69606B



8E00AB



24002B



# Inverse Universe

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



D48E9A



FF99AA



8ED4A4



6B6062



AB001D

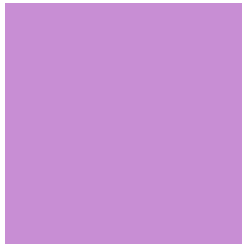


2B0007



# Previews

## White Background



This preview shows how the Hex color C88ED4 looks on a white background.

## Color Contrast Check

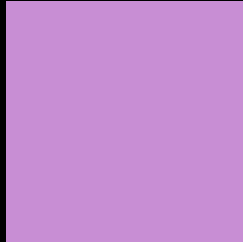
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color C88ED4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

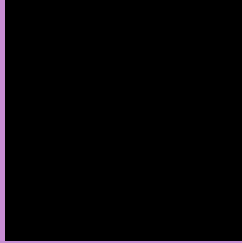
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C88ED4 Background



This preview shows how black text looks on a background with the Hex color C88ED4.

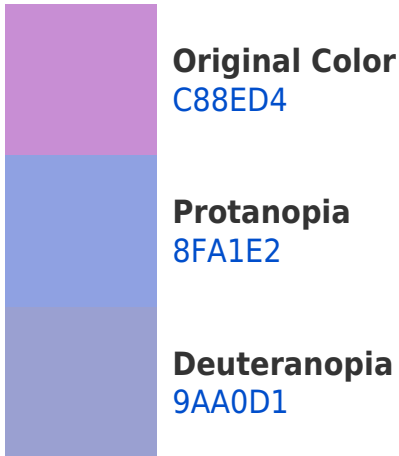


This preview shows how white text looks on a background with the Hex color C88ED4.

# 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**  
C198A3

# Trichromacy



**Original Color**  
C88ED4



**Protanomaly**  
A49ADD



**Deuteranomaly**  
AB99D2



**Tritanomaly**  
C494B5

# Monochromacy



**Original Color**  
C88ED4



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
B39EB7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C88ED4 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 #C88ED4 looks like.

```
.text, #text, p{  
    color:#C88ED4  
}
```

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 #C88ED4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C88ED4
}
```

## Border

The CSS property to change the border of an element to Hex C88ED4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

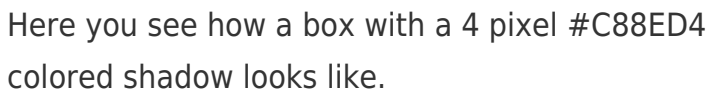
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C88ED4 }
```

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

```
.border{ border-color:#C88ED4 }
```

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



Here you see how a box with a 4 pixel `#C88ED4` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C88ED4; -webkit-box-shadow:4px 4px  
4px 4px #C88ED4; box-shadow:4px 4px 4px  
4px #C88ED4 }
```

# Background

The CSS property to change the background color of an element to Hex C88ED4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C88ED4 }
```

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

```
.background{ background-color:#C88ED4 }
```

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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