

# Converting Colors

Hex(CE88E8)

Have a look what the booklet for  
Hex(CE88E8) contains.

<b>Hex(CE88E8)</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(CE88E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CE88E8
RGB	206, 136, 232
RGB Percent	81%, 53%, 91%
CMY	0.1922, 0.4667, 0.0902
CMYK	0.11, 0.41, 0.00, 0.09
HSL	284°, 68%, 72%
HSV	284°, 41%, 91%
XYZ	48.8232, 36.5563, 80.8267
YIQ	167.8740, 10.9040, 44.6960

# Conversions

## Conversions Part 2

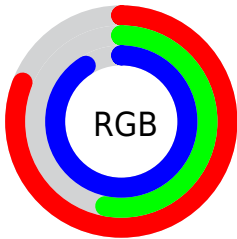
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 136, 232
Decimal	13535464
CIE <sub>Lab</sub>	66.94, 42.92, -38.09
CIE <sub>LCh</sub>	67, 57.384, 318.418
Yxy	36.5563, 0.2938, 0.2199
Android (android.graphics.Color)	4291725544 (0xFFCE88E8)
YUV	167.8740, 31.6141, 33.4365
Hunter-Lab	60.4618, 38.3315, -36.9369

# Details

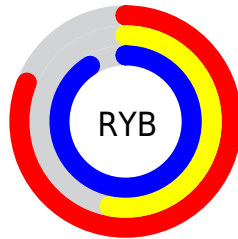
The Hex color **CE88E8** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A2E888**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFBFFF**, and **9654B0** is the 20% darker color. If you saturate the color by 10%, you get **C871E8**, and if you desaturate by 10%, it is **D49FE8**.

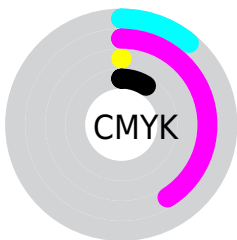
# Distribution



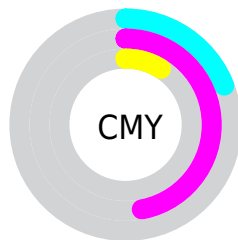
- Red (81%)
- Green (53%)
- Blue (91%)



- Red (81%)
- Yellow (53%)
- Blue (91%)



- Cyan (11%)
- Magenta (41%)
- Yellow (0%)
- Black (9%)



- Cyan (19%)
- Magenta (47%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE88E8 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 CE88E8 by changing the saturation by 10% instead.



 CE88E8

 CE88E8

FFFFFF

 B26ECC

 FFBFFF

 9654B0

 FFD8FF

 7B3B95

 FFF8FF

 61227B

 470462

 2D0049

 170032

 00011C

 000000

 CE88E8

 CE88E8

 C871E8

 D49FE8

 C15AE8

 DBB6E8

 BB42E8

 E1CEE8

 B52BE8

 E7E5E8

 AF14E8

 EDFCE8

 A900E8

 F4FFE8

 FAFFE8

 FFFFE8

# Harmonies

## Analogous

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



829DFF



CE88E8



F777B9

# Triad

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



CE88E8



D09939



00BCC2

# Complementary

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



CE88E8



A2E888

# 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.



00BB8C



CE88E8



A1AA3A

# Square

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



CE88E8



F38557



64B55B



00B8EF

# Rectangle

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



CE88E8



FF7496



64B55B



00BCB0



# Sweetspot

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



CE88E8



F7E0FF



88A3E8



7B6E80



000000



808080



# Same Dimension

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



CE88E8



DC80FF



E888D3



706773



8200B3



250033



# Inverse Universe

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



E888A2



FF80A2



88E89D



73676A



B30030

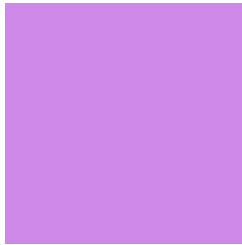


33000E



# Previews

## White Background



This preview shows how the Hex color CE88E8 looks on a white background.

## Color Contrast Check

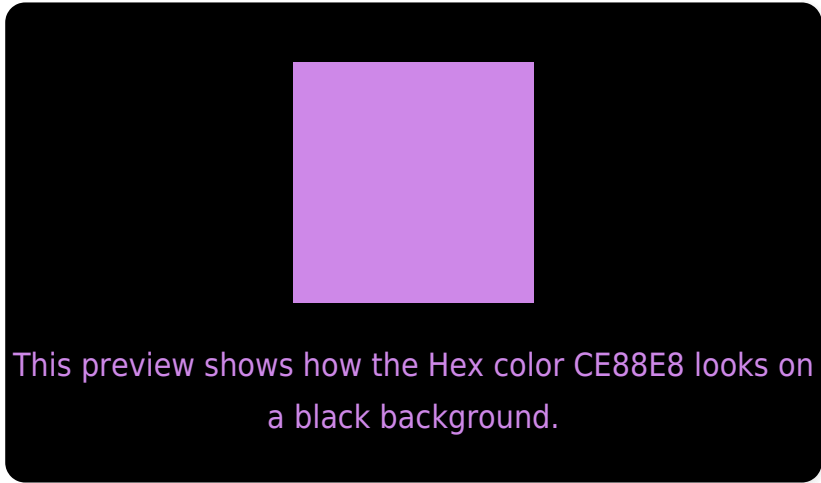
Large Text (above 18pt) WCAG AA × Fail

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

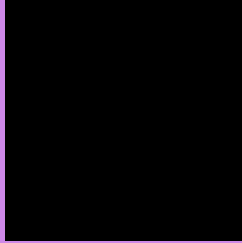
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CE88E8 Background



This preview shows how black text looks on a background with the Hex color CE88E8.



This preview shows how white text looks on a background with the Hex color CE88E8.

# 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**  
C497A3

# Trichromacy



**Original Color**  
CE88E8



**Protanomaly**  
9E97F5



**Deuteranomaly**  
A598E5

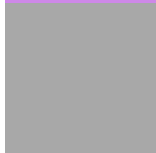


**Tritanomaly**  
C892BC

# Monochromacy



**Original Color**  
CE88E8



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
B69CBF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE88E8 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 #CE88E8 looks like.

```
.text, #text, p{  
    color:#CE88E8  
}
```

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 #CE88E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE88E8  
}
```

## Border

The CSS property to change the border of an element to Hex CE88E8 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  
#CE88E8 }
```

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

```
.border{ border-color:#CE88E8 }
```

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

Here you see how a box with a 4 pixel #CE88E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE88E8; -webkit-box-shadow:4px 4px  
4px 4px #CE88E8; box-shadow:4px 4px 4px  
4px #CE88E8 }
```

# Background

The CSS property to change the background color of an element to Hex CE88E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE88E8 }
```

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

```
.background{ background-color:#CE88E8 }
```

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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