

# Converting Colors

Hex(E88CD9)

Have a look what the booklet for  
Hex(E88CD9) contains.

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# **Color**

**Hex(E88CD9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E88CD9
RGB	232, 140, 217
RGB Percent	91%, 55%, 85%
CMY	0.0902, 0.4510, 0.1490
CMYK	0.00, 0.40, 0.06, 0.09
HSL	310°, 67%, 73%
HSV	310°, 40%, 91%
XYZ	55.1812, 40.9217, 70.6360
YIQ	176.2860, 30.1150, 43.4510

# Conversions

## Conversions Part 2

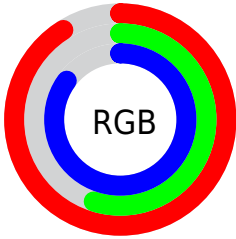
Format	Color
<a href="#">RYB</a>	<a href="#">232, 140, 217</a>
Decimal	<a href="#">15240409</a>
CIELab	<a href="#">70.12, 45.90, -24.65</a>
CIELCh	<a href="#">70, 52.102, 331.763</a>
Yxy	<a href="#">40.9217, 0.3309, 0.2454</a>
Android (android.graphics.Color)	<a href="#">4293430489 (0xFFE88CD9)</a>
YUV	<a href="#">176.2860, 20.0720, 48.8612</a>
Hunter-Lab	<a href="#">63.9701, 42.0281, -20.6891</a>

# Details

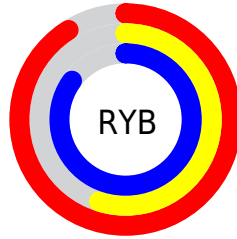
The Hex color **E88CD9** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **8CE89B**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFC3FF**, and **AF57A2** is the 20% darker color. If you saturate the color by 10%, you get **E875D5**, and if you desaturate by 10%, it is **E8A3DD**.

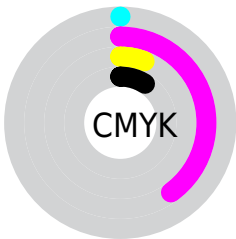
# Distribution



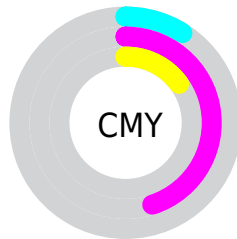
- Red (91%)
- Green (55%)
- Blue (85%)



- Red (91%)
- Yellow (55%)
- Blue (85%)



- Cyan (0%)
- Magenta (40%)
- Yellow (6%)
- Black (9%)



- Cyan (9%)
- Magenta (45%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E88CD9 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 E88CD9 by changing the saturation by 10% instead.



 E88CD9

 E88CD9

FFFFFF

 CB71BD

 FFC3FF

 AF57A2

 FFE0FF

 933D88

 FFFDFD

 78226E

 5E0055

 44003E

 2E0028

 000011

 000000

 E88CD9

 E88CD9

 E875D5

 E8A3DD

 E85ED1

 E8BAE1

 E846CE

 E8D2E4

 E82FCA

 E8E9E8

 E818C6

 E8FFEC

 E801C2

 E8FFF0

 E800C2

 E8FFF3

 E8FFF7

 E8FFFB

# Harmonies

## Analogous

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



B29EFC



E88CD9



FF83AA

# Triad

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



E88CD9



C4AA49



00C2DC

# Complementary

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



E88CD9



8CE89B

# 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.



00C3AD



E88CD9



94B757

# Square

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



E88CD9



EA9958



55C07D



00BCFE

# Rectangle

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



E88CD9



FF858B



55C07D



00C3CD



# Sweetspot

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



E88CD9



FFE0FA



9A8CE8



806E7D



000000



808080



# Same Dimension

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



E88CD9



FF85EB



E88CAC



736771



B30095



33002B



# Inverse Universe

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



E88CD9



FF85EB



8CE8C8



736771



B30095

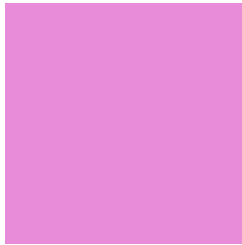


33002B



# Previews

## White Background



This preview shows how the Hex color E88CD9 looks on a white background.

## Color Contrast Check

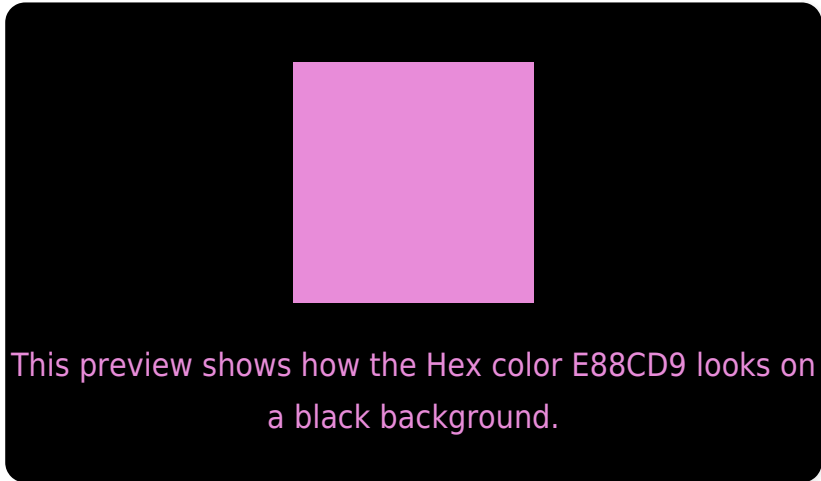
Large Text (above 18pt) WCAG AA × Fail

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

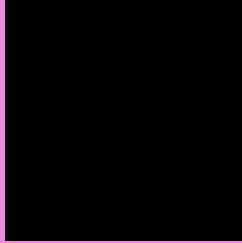
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E88CD9 Background



This preview shows how black text looks on a background with the Hex color E88CD9.

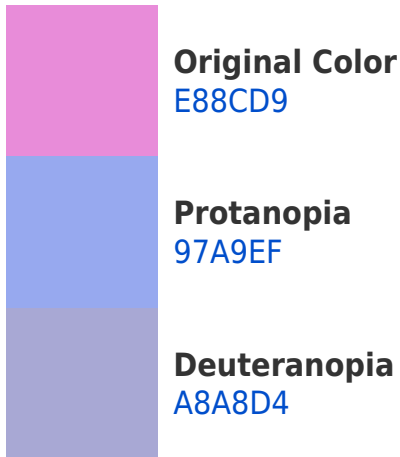


This preview shows how white text looks on a background with the Hex color E88CD9.

# 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](#).

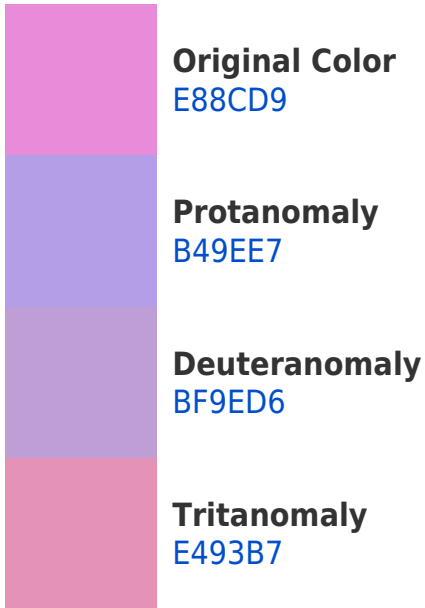
## Dichromacy



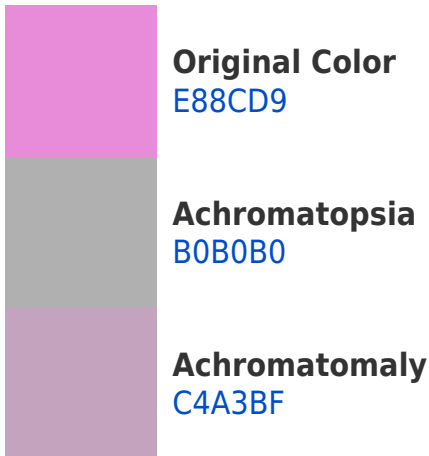


**Tritanopia**  
E197A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E88CD9 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 #E88CD9 looks like.

```
.text, #text, p{  
    color:#E88CD9  
}
```

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 #E88CD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E88CD9
}
```

## Border

The CSS property to change the border of an element to Hex E88CD9 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
#E88CD9 }
```

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

```
.border{ border-color:#E88CD9 }
```

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

Here you see how a box with a 4 pixel #E88CD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E88CD9; -webkit-box-shadow:4px 4px  
4px 4px #E88CD9; box-shadow:4px 4px 4px  
4px #E88CD9 }
```

# Background

The CSS property to change the background color of an element to Hex E88CD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E88CD9 }
```

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

```
.background{ background-color:#E88CD9 }
```

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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