

Converting Colors

Hex(CA88E3)

Have a look what the booklet for
Hex(CA88E3) contains.

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Color

Hex(CA88E3)

Conversions

Conversions Part 1

Format	Color
Hex	CA88E3
RGB	202, 136, 227
RGB Percent	79%, 53%, 89%
CMY	0.2078, 0.4667, 0.1098
CMYK	0.11, 0.40, 0.00, 0.11
HSL	284°, 62%, 71%
HSV	284°, 40%, 89%
XYZ	47.0264, 35.7109, 77.0874
YIQ	166.1080, 10.1250, 42.2930

Conversions

Conversions Part 2

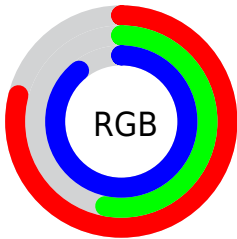
Format	Color
R_{YB}	202, 136, 227
Decimal	13273315
CIE _{Lab}	66.30, 40.73, -36.36
CIE _{LCh}	66, 54.596, 318.243
Yxy	35.7109, 0.2942, 0.2234
Android (android.graphics.Color)	4291463395 (0xFFCA88E3)
YUV	166.1080, 30.0198, 31.4773
Hunter-Lab	59.7586, 35.8911, -34.6518

Details

The Hex color **CA88E3** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A1E388**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFBEFF**, and **9254AB** is the 20% darker color. If you saturate the color by 10%, you get **C471E3**, and if you desaturate by 10%, it is **D09FE3**.

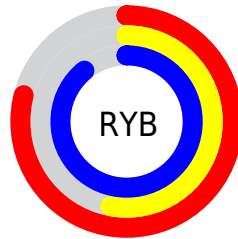
Distribution



Red (79%)

Green (53%)

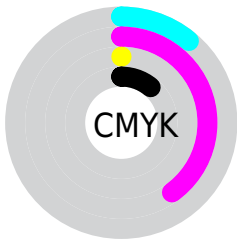
Blue (89%)



Red (79%)

Yellow (53%)

Blue (89%)

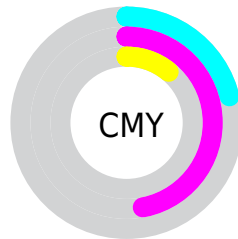


Cyan (11%)

Magenta (40%)

Yellow (0%)

Black (11%)



Cyan (21%)

Magenta (47%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA88E3 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 CA88E3 by changing the saturation by 10% instead.

 CA88E3

 CA88E3

FFFFFF

 AE6EC7

 FFBEFF

 9254AB

 FFDBFF

 783B90

 FFF8FF

 5D2376

 44065D

 2B0045

 13002E

 000118

 000000

CA88E3

CA88E3

C471E3

D09FE3

BE5BE3

D6B5E3

B744E3

DDCCE3

B12DE3

E3E3E3

AB16E3

E9FAE3

A500E3

EFFFE3

F6FFE3

FCFFE3

FFFFE3

Harmonies

Analogous

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



829CFE



CA88E3



F178B7

Triad

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



CA88E3



CD983E



00B9BE

Complementary

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



CA88E3



A1E388

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.



00B88C



CA88E3



A0A83E

Square

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



CA88E3



EE855A



66B35D



00B6E9

Rectangle

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



CA88E3



FC7695



66B35D



00BAAE

Sweetspot

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



CA88E3



F7E0FF



88A2E3



7B6E80



000000



808080

Same Dimension

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



CA88E3



DD85FF



E388CF



706773



8100B3



250033

Inverse Universe

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



E388A1



FF85A6



88E39C



73676A



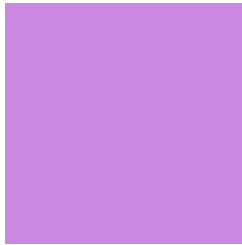
B30031



33000E

Previews

White Background



This preview shows how the Hex color CA88E3 looks on a white background.

Color Contrast Check

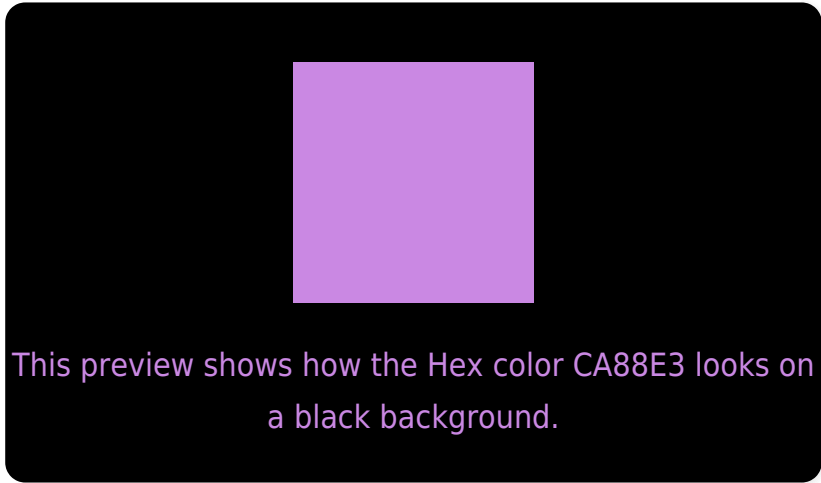
Large Text (above 18pt) WCAG AA × Fail

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 CA88E3 Background



This preview shows how black text looks on a background with the Hex color CA88E3.

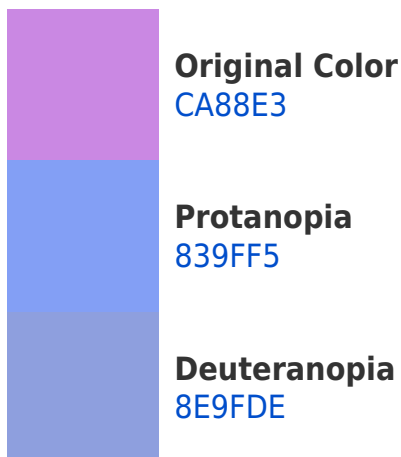


This preview shows how white text looks on a background with the Hex color CA88E3.

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
C096A2

Trichromacy



Original Color
CA88E3



Protanomaly
9D97EE



Deuteranomaly
A497E0

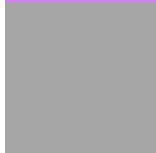


Tritanomaly
C491BA

Monochromacy



Original Color
CA88E3



Achromatopsia
A6A6A6



Achromatomaly
B39BBC

CSS Examples

Text

The CSS property to change the color of the text to Hex CA88E3 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 #CA88E3 looks like.

```
.text, #text, p{  
    color:#CA88E3  
}
```

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 #CA88E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA88E3
}
```

Border

The CSS property to change the border of an element to Hex CA88E3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

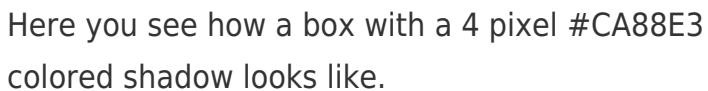
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA88E3 }
```

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

```
.border{ border-color:#CA88E3 }
```

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



Here you see how a box with a 4 pixel `#CA88E3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA88E3; -webkit-box-shadow:4px 4px  
4px 4px #CA88E3; box-shadow:4px 4px 4px  
4px #CA88E3 }
```

Background

The CSS property to change the background color of an element to Hex CA88E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA88E3 }
```

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

```
.background{ background-color:#CA88E3 }
```

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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