

Converting Colors

Hex(CCA7E2)

Have a look what the booklet for
Hex(CCA7E2) contains.

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Color

Hex(CCA7E2)

Conversions

Conversions Part 1

Format	Color
Hex	CCA7E2
RGB	204, 167, 226
RGB Percent	80%, 65%, 89%
CMY	0.2000, 0.3451, 0.1137
CMYK	0.10, 0.26, 0.00, 0.11
HSL	278°, 50%, 77%
HSV	278°, 26%, 89%
XYZ	52.4480, 45.9658, 78.0595
YIQ	184.7890, 3.1130, 26.1930

Conversions

Conversions Part 2

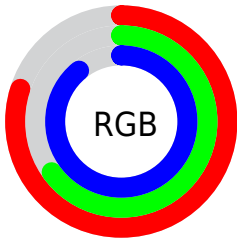
Format	Color
R_{YB}	204, 167, 226
Decimal	13412322
CIE _{Lab}	73.52, 24.23, -24.65
CIE _{LCh}	74, 34.566, 314.513
Yxy	45.9658, 0.2972, 0.2605
Android (android.graphics.Color)	4291602402 (0xFFCCA7E2)
YUV	184.7890, 20.3170, 16.8480
Hunter-Lab	67.7981, 19.4395, -20.8050

Details

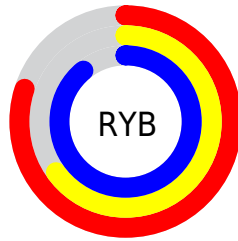
The Hex color **CCA7E2** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **BDE2A7**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFDEFF**, and **9573AB** is the 20% darker color. If you saturate the color by 10%, you get **C490E2**, and if you desaturate by 10%, it is **D4BEE2**.

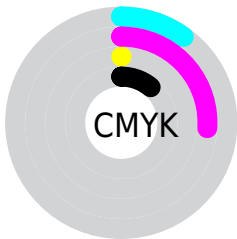
Distribution



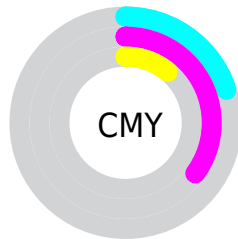
- Red (80%)
- Green (65%)
- Blue (89%)



- Red (80%)
- Yellow (65%)
- Blue (89%)



- Cyan (10%)
- Magenta (26%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (35%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCA7E2 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 CCA7E2 by changing the saturation by 10% instead.

■ CCA7E2

■ CCA7E2

FFFFFF

■ B08CC6

■ FFDEFF

■ 9573AB

■ FFFBFF

■ 7B5A90

■ 624276

■ 492B5D

■ 311545

■ 1C002F

■ 000119

■ 000000

■ CCA7E2

■ CCA7E2

■ C490E2

■ D4BEE2

■ BB7AE2

■ DDD4E2

■ B363E2

■ E5EBE2

■ AA4DE2

■ EEFFE2

■ A236E2

■ F6FFE2

■ 991FE2

■ FFFFE2

■ 9109E2

■ 8E00E2

Harmonies

Analogous

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



A1B2F2



CCA7E2



E99EC6

Triad

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



CCA7E2



D9AD78



4FC6C3

Complementary

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



CCA7E2



BDE2A7

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.



71C5A3



CCA7E2



BBB877

Square

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



CCA7E2



EDA38A



97C086



4AC3E0

Rectangle

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



CCA7E2



F29CB1



97C086



59C6B8

Sweetspot

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



CCA7E2



F7EBFF



A7BEE2



7B7380



000000



808080

Same Dimension

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



CCA7E2



E2B0FF



E2A7DB



6C6570



6E00B0



1E0030

Inverse Universe

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



E2A7BD



FFB0CD



A7E2AE



706569



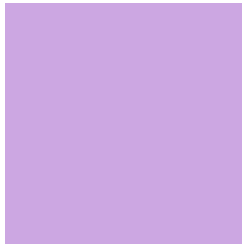
B00042



300012

Previews

White Background



This preview shows how the Hex color CCA7E2 looks on a white background.

Color Contrast Check

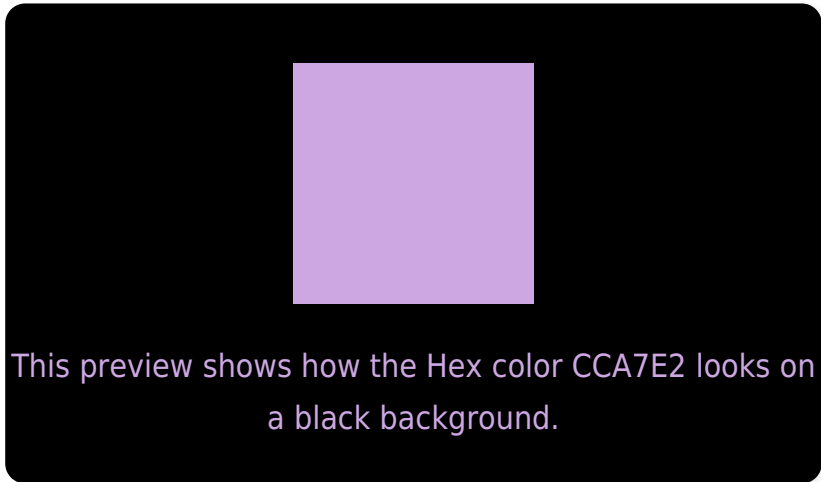
Large Text (above 18pt) WCAG AA × Fail

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

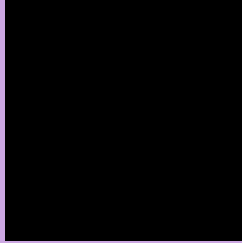
Any Text WCAG AA ✓ Pass

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 CCA7E2 Background



This preview shows how black text looks on a background with the Hex color CCA7E2.

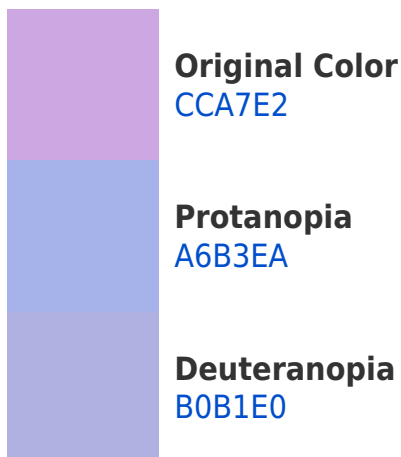


This preview shows how white text looks on a background with the Hex color CCA7E2.

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
C6AEBC

Trichromacy



Original Color
CCA7E2

Protanomaly
B4AFE7

Deuteranomaly
BAADE1

Tritanomaly
C8ABCA

Monochromacy



Original Color
CCA7E2

Achromatopsia
B9B9B9

Achromatomaly
C0B2C8

CSS Examples

Text

The CSS property to change the color of the text to Hex CCA7E2 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 #CCA7E2 looks like.

```
.text, #text, p{  
    color:#CCA7E2  
}
```

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 #CCA7E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA7E2
}
```

Border

The CSS property to change the border of an element to Hex CCA7E2 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
#CCA7E2 }
```

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

```
.border{ border-color:#CCA7E2 }
```

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

Here you see how a box with a 4 pixel #CCA7E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA7E2; -webkit-box-shadow:4px 4px  
4px 4px #CCA7E2; box-shadow:4px 4px 4px  
4px #CCA7E2 }
```

Background

The CSS property to change the background color of an element to Hex CCA7E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA7E2 }
```

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

```
.background{ background-color:#CCA7E2 }
```

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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