

Converting Colors

Hex(CA8AD5)

Have a look what the booklet for
Hex(CA8AD5) contains.

Hex(CA8AD5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CA8AD5)

Conversions

Conversions Part 1

Format	Color
Hex	CA8AD5
RGB	202, 138, 213
RGB Percent	79%, 54%, 84%
CMY	0.2078, 0.4588, 0.1647
CMYK	0.05, 0.35, 0.00, 0.16
HSL	291°, 47%, 69%
HSV	291°, 35%, 84%
XYZ	45.4558, 35.5376, 67.4145
YIQ	165.6860, 14.0690, 36.8930

Conversions

Conversions Part 2

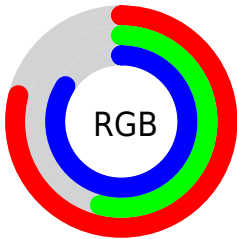
Format	Color
R _Y B	202, 138, 213
Decimal	13273813
CIE Lab	66.17, 36.85, -28.80
CIE LCh	66, 46.768, 321.992
Yxy	35.5376, 0.3063, 0.2395
Android (android.graphics.Color)	4291463893 (0xFFCA8AD5)
YUV	165.6860, 23.3258, 31.8474
Hunter-Lab	59.6134, 31.7845, -25.3193

Details

The Hex color **CA8AD5** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **95D58A**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFC0FF**, and **93579E** is the 20% darker color. If you saturate the color by 10%, you get **C775D5**, and if you desaturate by 10%, it is **CD9FD5**.

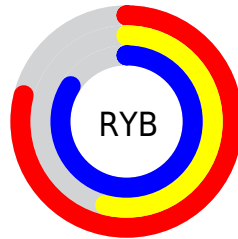
Distribution



Red (79%)

Green (54%)

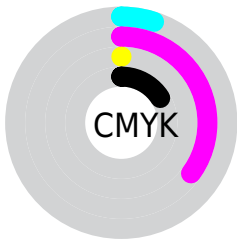
Blue (84%)



Red (79%)

Yellow (54%)

Blue (84%)

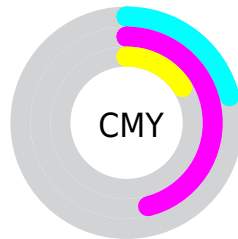


Cyan (5%)

Magenta (35%)

Yellow (0%)

Black (16%)



Cyan (21%)

Magenta (46%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA8AD5 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 CA8AD5 by changing the saturation by 10% instead.

 CA8AD5

 CA8AD5

FFFFFF

 AE70B9

 FFC0FF

 93579E

 FFDDFF

 783E84

 FFF9FF

 5E266A

 450C52

 2D003A

 150024

 00000C

 000000

 CA8AD5

 CA8AD5

 C775D5

 CD9FD5

 C45FD5

 D0B5D5

 C14AD5

 D3CAD5

 BE35D5

 D6DFD5

 BA1FD5

 DAF4D5

 B70AD5

 DDFFD5

 B600D5

 E0FFD5

 E3FFD5

 E6FFD5

Harmonies

Analogous

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



929AEF



CA8AD5



E97FAE

Triad

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



CA8AD5



C49B4C



00B6BF

Complementary

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



CA8AD5



95D58A

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.



10B694



CA8AD5



9BA850

Square

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



CA8AD5



E28B60



6AB16B



00B2E2

Rectangle

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



CA8AD5



F07E91



6AB16B



00B6B1

Sweetspot

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



CA8AD5



FBE3FF



8A95D5



7D6F80



000000



808080

Same Dimension

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



CA8AD5



EF94FF



D58ABB



6A606B



9200AB



25002B

Inverse Universe

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



D58A95



FF94A4



8AD5A4



6B6062



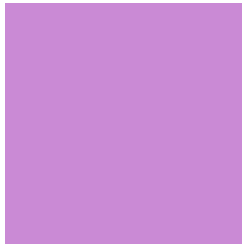
AB0019



2B0006

Previews

White Background



This preview shows how the Hex color CA8AD5 looks on a white background.

Color Contrast Check

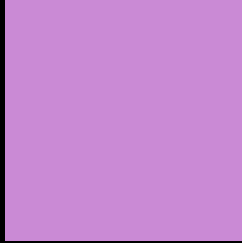
Large Text (above 18pt) WCAG AA × Fail

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 CA8AD5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

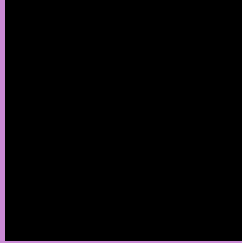
Any Text WCAG AA ✓ Pass

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 CA8AD5 Background



This preview shows how black text looks on a background with the Hex color CA8AD5.

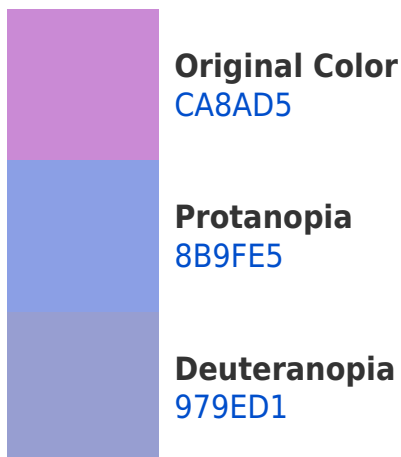



This preview shows how white text looks on a background with the Hex color CA8AD5.

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
C395A0

Trichromacy



Original Color
CA8AD5



Protanomaly
A297DF



Deuteranomaly
AA97D2



Tritanomaly
C691B3

Monochromacy



Original Color
CA8AD5



Achromatopsia
A6A6A6



Achromatomaly
B39CB7

CSS Examples

Text

The CSS property to change the color of the text to Hex CA8AD5 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 #CA8AD5 looks like.

```
.text, #text, p{  
    color:#CA8AD5  
}
```

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 #CA8AD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA8AD5
}
```

Border

The CSS property to change the border of an element to Hex CA8AD5 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
#CA8AD5 }
```

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

```
.border{ border-color:#CA8AD5 }
```

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

Here you see how a box with a 4 pixel #CA8AD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA8AD5; -webkit-box-shadow:4px 4px  
4px 4px #CA8AD5; box-shadow:4px 4px 4px  
4px #CA8AD5 }
```

Background

The CSS property to change the background color of an element to Hex CA8AD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA8AD5 }
```

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

```
.background{ background-color:#CA8AD5 }
```

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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