

Converting Colors

Hex(CA80BA)

Have a look what the booklet for
Hex(CA80BA) contains.

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Color

Hex(CA80BA)

Conversions

Conversions Part 1

Format	Color
Hex	CA80BA
RGB	202, 128, 186
RGB Percent	79%, 50%, 73%
CMY	0.2078, 0.4980, 0.2706
CMYK	0.00, 0.37, 0.08, 0.21
HSL	313°, 41%, 65%
HSV	313°, 37%, 79%
XYZ	40.9392, 31.5401, 50.3845
YIQ	156.7380, 25.4860, 33.7260

Conversions

Conversions Part 2

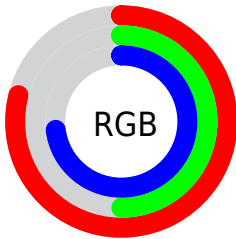
Format	Color
R _Y B	202, 128, 186
Decimal	13271226
CIE Lab	62.96, 37.26, -18.56
CIE LCh	63, 41.621, 333.524
Yxy	31.5401, 0.3332, 0.2567
Android (android.graphics.Color)	4291461306 (0xFFCA80BA)
YUV	156.7380, 14.4262, 39.6948
Hunter-Lab	56.1605, 31.8398, -13.8797

Details

The Hex color **CA80BA** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **80CA90**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFB6F2**, and **934D85** is the 20% darker color. If you saturate the color by 10%, you get **CA6CB6**, and if you desaturate by 10%, it is **CA94BE**.

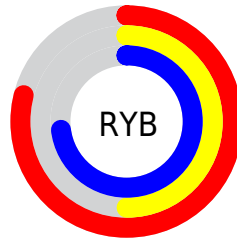
Distribution



Red (79%)

Green (50%)

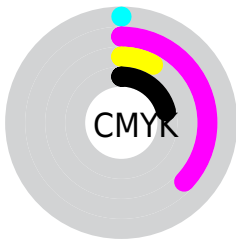
Blue (73%)



Red (79%)

Yellow (50%)

Blue (73%)

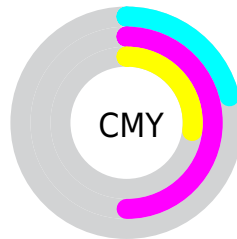


Cyan (0%)

Magenta (37%)

Yellow (8%)

Black (21%)



Cyan (21%)

Magenta (50%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA80BA 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 CA80BA by changing the saturation by 10% instead.

CA80BA

CA80BA

FFFFFF

AE669F

FFB6F2

934D85

FFD2FF

78346B

FFEFFF

5E1B53

45003C

2E0026

0B000F

000000

CA80BA

CA80BA

■ CA6CB6

■ CA94BE

■ CA58B1

■ CAA8C3

■ CA43AD

■ CABDC7

■ CA2FA9

■ CAD1CB

■ CA1BA4

■ CAE5D0

■ CA07A0

■ CAF9D4

■ CA009E

■ CAFFD9

■ CAFFDD

■ CAFFE1

Harmonies

Analogous

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



A18DD6



CA80BA



DD7A95

Triad

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



CA80BA



AB984D



00AAC0

Complementary

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



CA80BA



80CA90

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.



00AC9C



CA80BA



84A259

Square

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



CA80BA



CA8B57



55A976



00A5DA

Rectangle

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



CA80BA



DF7C7D



55A976



00ABB5

Sweetspot

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



CA80BA



FFE3F9



8F80CA



806F7C



000000



808080

Same Dimension

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



CA80BA



FF8FE7



CA8096



665C64



A60082



26001E

Inverse Universe

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



CA80BA



FF8FE7



80CAB4



665C64



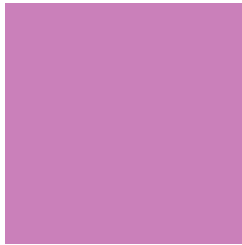
A60082



26001E

Previews

White Background



This preview shows how the Hex color CA80BA looks on a white background.

Color Contrast Check

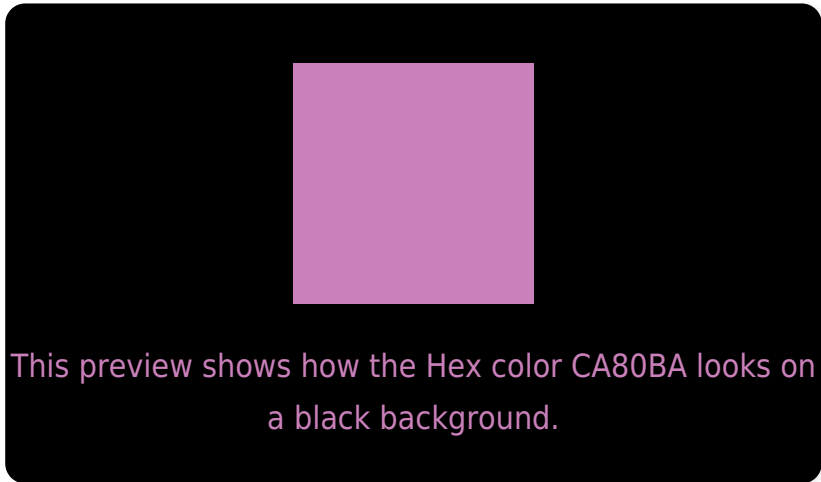
Large Text (above 18pt) WCAG AA × Fail

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

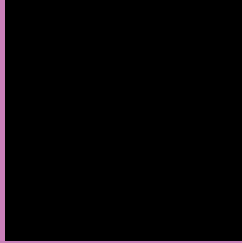
Any Text WCAG AA ✓ Pass

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 CA80BA Background



This preview shows how black text looks on a background with the Hex color CA80BA.



This preview shows how white text looks on a background with the Hex color CA80BA.

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



Original Color
CA80BA

Protanopia
8B97CA

Deuteranopia
9995B6



Tritanopia
C58892

Trichromacy



Original Color
CA80BA



Protanomaly
A28FC4



Deuteranomaly
AB8DB7

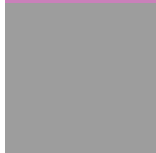


Tritanomaly
C785A1

Monochromacy



Original Color
CA80BA



Achromatopsia
9D9D9D



Achromatomaly
AD92A8

CSS Examples

Text

The CSS property to change the color of the text to Hex CA80BA 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 #CA80BA looks like.

```
.text, #text, p{  
    color:#CA80BA  
}
```

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 #CA80BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA80BA
}
```

Border

The CSS property to change the border of an element to Hex CA80BA 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
#CA80BA }
```

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

```
.border{ border-color:#CA80BA }
```

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

Here you see how a box with a 4 pixel #CA80BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA80BA; -webkit-box-shadow:4px 4px  
4px 4px #CA80BA; box-shadow:4px 4px 4px  
4px #CA80BA }
```

Background

The CSS property to change the background color of an element to Hex CA80BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA80BA }
```

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

```
.background{ background-color:#CA80BA }
```

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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