

Converting Colors

Hex(CB82AA)

Have a look what the booklet for
Hex(CB82AA) contains.

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Color

Hex(CB82AA)

Conversions

Conversions Part 1

Format	Color
Hex	CB82AA
RGB	203, 130, 170
RGB Percent	80%, 51%, 67%
CMY	0.2039, 0.4902, 0.3333
CMYK	0.00, 0.36, 0.16, 0.20
HSL	327°, 41%, 65%
HSV	327°, 36%, 80%
XYZ	39.8669, 31.5641, 42.0215
YIQ	156.3870, 30.6680, 27.9160

Conversions

Conversions Part 2

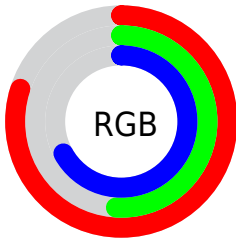
Format	Color
R _Y B	203, 130, 170
Decimal	13337258
CIE Lab	62.98, 33.84, -9.44
CIE LCh	63, 35.135, 344.416
Yxy	31.5641, 0.3514, 0.2782
Android (android.graphics.Color)	4291527338 (0xFFCB82AA)
YUV	156.3870, 6.7112, 40.8796
Hunter-Lab	56.1819, 28.3461, -5.0189

Details

The Hex color **CB82AA** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **82CBA3**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFB8E1**, and **934F76** is the 20% darker color. If you saturate the color by 10%, you get **CB6EA1**, and if you desaturate by 10%, it is **CB96B3**.

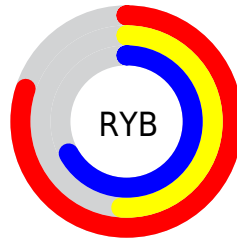
Distribution



Red (80%)

Green (51%)

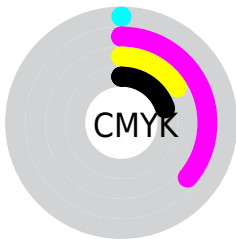
Blue (67%)



Red (80%)

Yellow (51%)

Blue (67%)

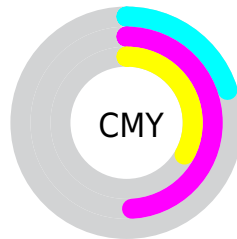


Cyan (0%)

Magenta (36%)

Yellow (16%)

Black (20%)



Cyan (20%)

Magenta (49%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB82AA 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 CB82AA by changing the saturation by 10% instead.

 CB82AA

 CB82AA

FFFFFF

 AF6890

 FFB8E1

 934F76

 FFD4FE

 79375D

 FFF1FF

 5F1E46

 46032F

 2F001B

 090000

 000000

 CB82AA

 CB82AA

 CB6EA1

 CB96B3

 CB5998

 CBABBC

 CB458E

 CBBFC6

 CB3185

 CBD3CF

 CB1D7C

 CBE8D8

 CB0873

 CBFCE1

 CB006F

 CBFEEA

 CBFFF3

 CBFFFD

Harmonies

Analogous

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



AF8BC5



CB82AA



D5808A

Triad

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



CB82AA



9E9B5B



11A7C3

Complementary

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



CB82AA



82CBA3

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.



23A9A7



CB82AA



7BA36B

Square

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



CB82AA



BB915C



53A887



4DA0D4

Rectangle

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



CB82AA



D38477



53A887



05A8BB

Sweetspot

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



CB82AA



FFE3F2



A382CB



806F78



000000



808080

Same Dimension

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



CB82AA



FF91CD



CB8286



665C61



A6005B



260015

Inverse Universe

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



CB82AA



FF91CD



82CBC7



665C61



A6005B



260015

Previews

White Background



This preview shows how the Hex color CB82AA looks on a white background.

Color Contrast Check

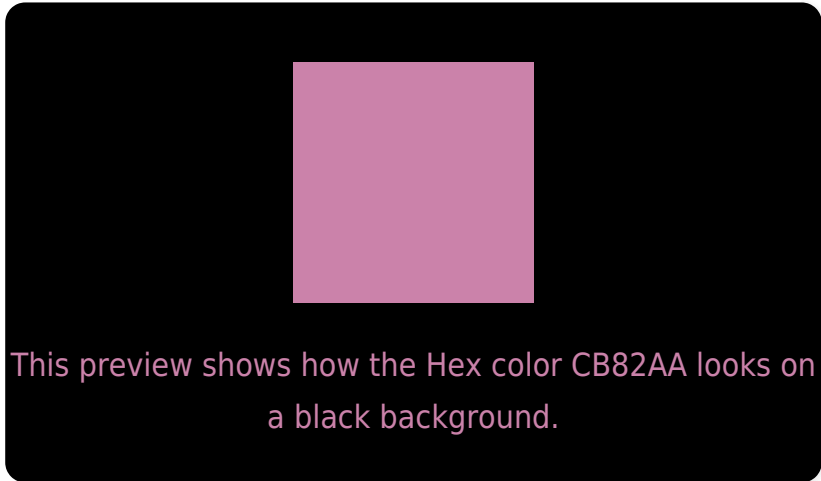
Large Text (above 18pt) WCAG AA × Fail

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 CB82AA Background



This preview shows how black text looks on a background with the Hex color CB82AA.

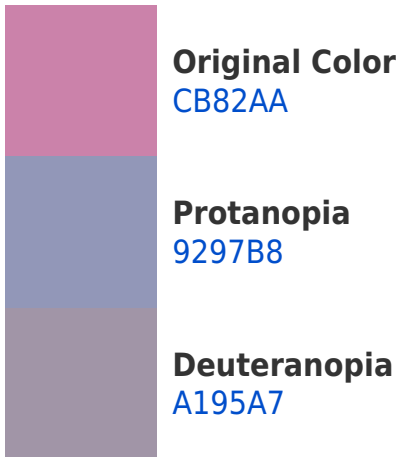


This preview shows how white text looks on a background with the Hex color CB82AA.

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](#).

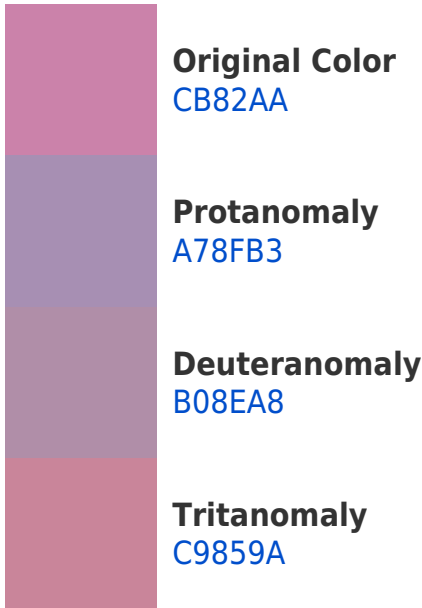
Dichromacy



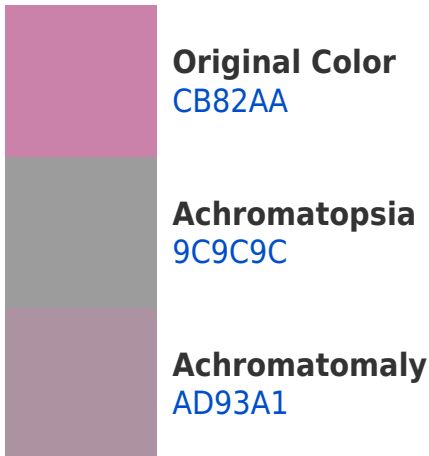


Tritanopia
C88791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB82AA 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 #CB82AA looks like.

```
.text, #text, p{  
    color:#CB82AA  
}
```

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 #CB82AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB82AA
}
```

Border

The CSS property to change the border of an element to Hex CB82AA 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
#CB82AA }
```

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

```
.border{ border-color:#CB82AA }
```

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

Here you see how a box with a 4 pixel #CB82AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB82AA; -webkit-box-shadow:4px 4px  
4px 4px #CB82AA; box-shadow:4px 4px 4px  
4px #CB82AA }
```

Background

The CSS property to change the background color of an element to Hex CB82AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB82AA }
```

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

```
.background{ background-color:#CB82AA }
```

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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