

# Converting Colors

Hex(CB18A2)

Have a look what the booklet for  
Hex(CB18A2) contains.

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**Color**

**Hex(CB18A2)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | CB18A2                    |
| RGB           | 203, 24, 162              |
| RGB Percent   | 80%, 9%, 64%              |
| CMY           | 0.2039, 0.9059, 0.3647    |
| CMYK          | 0.00, 0.88, 0.20, 0.20    |
| HSL           | 314°, 79%, 45%            |
| HSV           | 314°, 88%, 80%            |
| XYZ           | 31.4768, 15.9584, 35.6037 |
| YIQ           | 93.2530, 62.3860, 80.8660 |

# Conversions

## Conversions Part 2

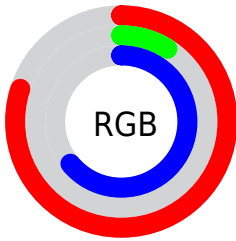
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 203, 24, 162                  |
| Decimal                             | 13310114                      |
| CIE <sub>Lab</sub>                  | 46.92, 74.72, -29.30          |
| CIE <sub>LCh</sub>                  | 47, 80.264, 338.586           |
| Yxy                                 | 15.9584, 0.3791,<br>0.1922    |
| Android<br>(android.graphics.Color) | 4291500194<br>(0xFFCB18A2)    |
| YUV                                 | 93.2530, 33.8923,<br>96.2481  |
| Hunter-Lab                          | 39.9480, 70.7393,<br>-24.8787 |

# Details

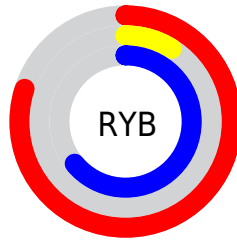
The Hex color **CB18A2** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **18CB41**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF61D9**, and **90006E** is the 20% darker color. If you saturate the color by 10%, you get **CB049D**, and if you desaturate by 10%, it is **CB2CA7**.

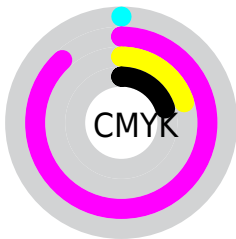
# Distribution



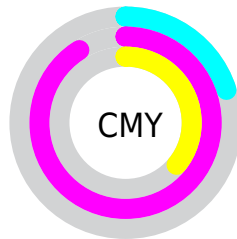
- Red (80%)
- Green (9%)
- Blue (64%)



- Red (80%)
- Yellow (9%)
- Blue (64%)



- Cyan (0%)
- Magenta (88%)
- Yellow (20%)
- Black (20%)



- Cyan (20%)
- Magenta (91%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB18A2 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 CB18A2 by changing the saturation by 10% instead.



 CB18A2

 CB18A2

FFFFFF

 AD0088

 FF61D9

 90006E

 FF7FF6

 730055

 FF9CFF

 57003E

 FFBAFF

 3C0027

 FFD8FF

 1D0010

 FFF6FF

 000000

 CB18A2

 CB18A2

 CB049D

 CB2CA7

■ CB009D

■ CB41AB

■ CB55B0

■ CB69B5

■ CB7EB9

■ CB92BE

■ CBA6C3

■ CBBAC7

■ CBCFCC

# Harmonies

## Analogous

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



8452DA



CB18A2



E1005F

# Triad

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



CB18A2



777300



008AC3

# Complementary

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



CB18A2



18CB41

# 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.



008B82



CB18A2



208100

# Square

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



CB18A2



AE5900



00883A



0084EE

# Rectangle

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



CB18A2



DC1534



00883A



008BAF



# Sweetspot

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



CB18A2



FFBDF0



3F18CB



805876



000000



808080



# Same Dimension

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



CB18A2



FF00C5



CB184B



665C64



A60080



26001D



# Inverse Universe

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



CB18A2



FF00C5



18CB98



665C64



A60080



26001D



# Previews

## White Background



This preview shows how the Hex color CB18A2 looks on a white background.

## Color Contrast Check

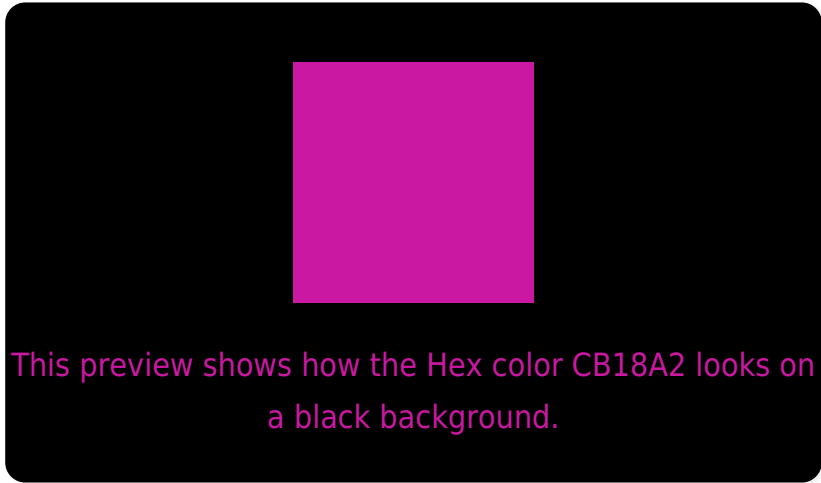
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CB18A2 Background



This preview shows how black text looks on a background with the Hex color CB18A2.




This preview shows how white text looks on a background with the Hex color CB18A2.

# 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**  
C34346

# Trichromacy



**Original Color**  
CB18A2



**Protanomaly**  
5E4DCB



**Deuteranomaly**  
8A4F9C



**Tritanomaly**  
C63367

# Monochromacy



**Original Color**  
CB18A2



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
854476

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB18A2 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 #CB18A2 looks like.

```
.text, #text, p{  
    color:#CB18A2  
}
```

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 #CB18A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB18A2
}
```

## Border

The CSS property to change the border of an element to Hex CB18A2 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
#CB18A2 }
```

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

```
.border{ border-color:#CB18A2 }
```

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

Here you see how a box with a 4 pixel #CB18A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB18A2; -webkit-box-shadow:4px 4px  
4px 4px #CB18A2; box-shadow:4px 4px 4px  
4px #CB18A2 }
```

# Background

The CSS property to change the background color of an element to Hex CB18A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB18A2 }
```

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

```
.background{ background-color:#CB18A2 }
```

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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