

Converting Colors

Hex(CB1D99)

Have a look what the booklet for
Hex(CB1D99) contains.

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Color

Hex(CB1D99)

Conversions

Conversions Part 1

Format	Color
Hex	CB1D99
RGB	203, 29, 153
RGB Percent	80%, 11%, 60%
CMY	0.2039, 0.8863, 0.4000
CMYK	0.00, 0.86, 0.25, 0.20
HSL	317°, 75%, 45%
HSV	317°, 86%, 80%
XYZ	30.8177, 15.8751, 31.5769
YIQ	95.1620, 63.9000, 75.4520

Conversions

Conversions Part 2

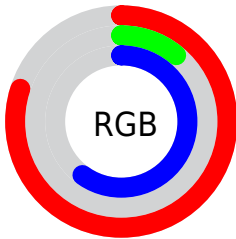
Format	Color
R_{YB}	203, 29, 153
Decimal	13311385
CIE _{Lab}	46.81, 72.76, -24.09
CIE _{LCh}	47, 76.648, 341.682
Yxy	15.8751, 0.3937, 0.2028
Android (android.graphics.Color)	4291501465 (0xFFCB1D99)
YUV	95.1620, 28.5141, 94.5739
Hunter-Lab	39.8436, 68.3375, -19.0980

Details

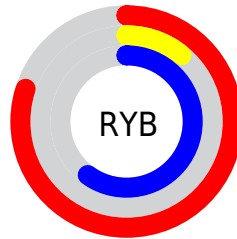
The Hex color **CB1D99** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **1DCB4F**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF63D0**, and **900066** is the 20% darker color. If you saturate the color by 10%, you get **CB0993**, and if you desaturate by 10%, it is **CB319F**.

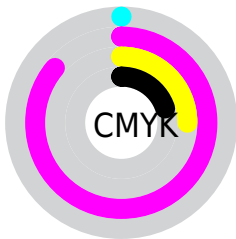
Distribution



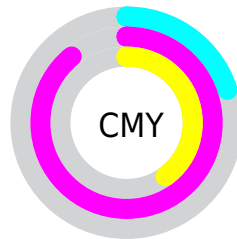
- Red (80%)
- Green (11%)
- Blue (60%)



- Red (80%)
- Yellow (11%)
- Blue (60%)



- Cyan (0%)
- Magenta (86%)
- Yellow (25%)
- Black (20%)



- Cyan (20%)
- Magenta (89%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB1D99 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 CB1D99 by changing the saturation by 10% instead.

 CB1D99

 CB1D99

FFFFFF

 AD007F

 FF63D0

 900066

 FF80EC

 73004D

 FF9EFF

 570036

 FFBBFF

 3C0021

 FFD9FF

 1D0004

 FFF7FF

 000000

 CB1D99

 CB1D99

 CB0993

 CB319F

 CB0091

 CB46A5

 CB5AAB

 CB6EB0

 CB83B6

 CB97BC

 CBABC2

 CBBFC8

 CBD4CE

Harmonies

Analogous

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



8E4FD1



CB1D99



DD0059

Triad

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



CB1D99



717400



0089C4

Complementary

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



CB1D99



1DCB4F

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.



008A87



CB1D99



178100

Square

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



CB1D99



A75D00



008743



0081EB

Rectangle

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



CB1D99



D6272F



008743



008AB2

Sweetspot

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



CB1D99



FFBDEC



4E1DCB



805874



000000



808080

Same Dimension

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



CB1D99



FF00B6



CB1D43



665C63



A60076



26001B

Inverse Universe

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



CB1D99



FF00B6



1DCBA5



665C63



A60076



26001B

Previews

White Background



This preview shows how the Hex color CB1D99 looks on a white background.

Color Contrast Check

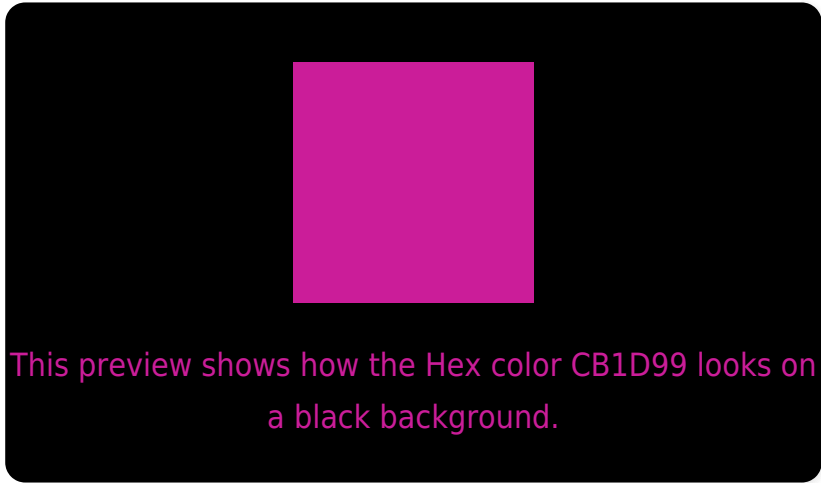
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB1D99 Background



This preview shows how black text looks on a background with the Hex color CB1D99.

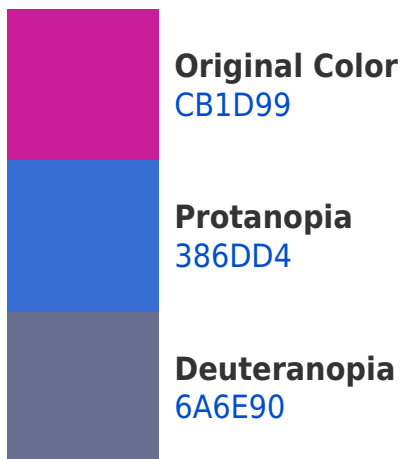


This preview shows how white text looks on a background with the Hex color CB1D99.

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
C44144

Trichromacy



Original Color
CB1D99



Protanomaly
6D50BF



Deuteranomaly
8D5193

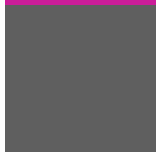


Tritanomaly
C73463

Monochromacy



Original Color
CB1D99



Achromatopsia
5F5F5F



Achromatomaly
864774

CSS Examples

Text

The CSS property to change the color of the text to Hex CB1D99 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 #CB1D99 looks like.

```
.text, #text, p{  
    color:#CB1D99  
}
```

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 #CB1D99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB1D99
}
```

Border

The CSS property to change the border of an element to Hex CB1D99 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
#CB1D99 }
```

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

```
.border{ border-color:#CB1D99 }
```

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

Here you see how a box with a 4 pixel #CB1D99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB1D99; -webkit-box-shadow:4px 4px  
4px 4px #CB1D99; box-shadow:4px 4px 4px  
4px #CB1D99 }
```

Background

The CSS property to change the background color of an element to Hex CB1D99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB1D99 }
```

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

```
.background{ background-color:#CB1D99 }
```

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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