

# Converting Colors

Hex(C11D99)

Have a look what the booklet for  
Hex(C11D99) contains.

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# Color

**Hex(C11D99)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | C11D99                    |
| RGB           | 193, 29, 153              |
| RGB Percent   | 76%, 11%, 60%             |
| CMY           | 0.2431, 0.8863, 0.4000    |
| CMYK          | 0.00, 0.85, 0.21, 0.24    |
| HSL           | 315°, 74%, 44%            |
| HSV           | 315°, 85%, 76%            |
| XYZ           | 28.1815, 14.5161, 31.4535 |
| YIQ           | 92.1720, 57.9400, 73.3320 |

# Conversions

## Conversions Part 2

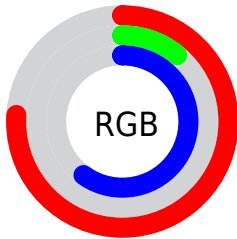
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 193, 29, 153                  |
| Decimal                             | 12656025                      |
| CIE <sub>Lab</sub>                  | 44.96, 70.63, -27.10          |
| CIE <sub>LCh</sub>                  | 45, 75.654, 339.010           |
| Yxy                                 | 14.5161, 0.3801,<br>0.1958    |
| Android<br>(android.graphics.Color) | 4290846105<br>(0xFFC11D99)    |
| YUV                                 | 92.1720, 29.9882,<br>88.4262  |
| Hunter-Lab                          | 38.1000, 65.3563,<br>-22.2770 |

# Details

The Hex color **C11D99** 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 **1DC145**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FD61D0**, and **870066** is the 20% darker color. If you saturate the color by 10%, you get **C10A94**, and if you desaturate by 10%, it is **C1309E**.

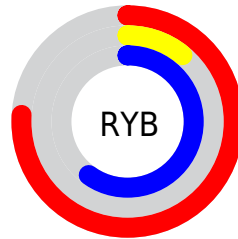
# Distribution



Red (76%)

Green (11%)

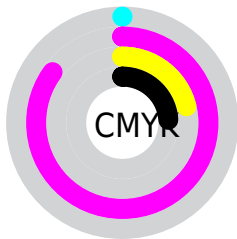
Blue (60%)



Red (76%)

Yellow (11%)

Blue (60%)

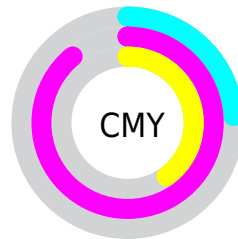


Cyan (0%)

Magenta (85%)

Yellow (21%)

Black (24%)



Cyan (24%)

Magenta (89%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C11D99 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 C11D99 by changing the saturation by 10% instead.



 C11D99

 C11D99

FFFFFF

 A4007F

 FD61D0

 870066

 FF7EEC

 6A004D

 FF9BFF

 4F0036

 FFB9FF

 340020

 FFD6FF

 0D0003

 FFF4FF

 000000

 C11D99

 C11D99

 C10A94

 C1309E

 C10092

 C144A2

 C157A7

 C16AAC

 C17EB1

 C191B5

 C1A4BA

 C1B7BF

 C1CBC3

# Harmonies

## Analogous

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



804ECE



C11D99



D6005A

# Triad

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



C11D99



716E00



0084B9

# Complementary

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



C11D99



1DC145

# 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.



00847D



C11D99



217B00

# Square

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



C11D99



A55600



00823A



007DE2

# Rectangle

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



C11D99



D01C32



00823A



0084A6



# Sweetspot

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



C11D99



FABBEB



431DC1



7D5774



FCFCFC



7D7D7D



# Same Dimension

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



C11D99



FA00BD



C11D49



61575F



A10079



210019



# Inverse Universe

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



C11D99



FA00BD



1DC195



61575F



A10079



210019



# Previews

## White Background



This preview shows how the Hex color C11D99 looks on a white background.

## Color Contrast Check

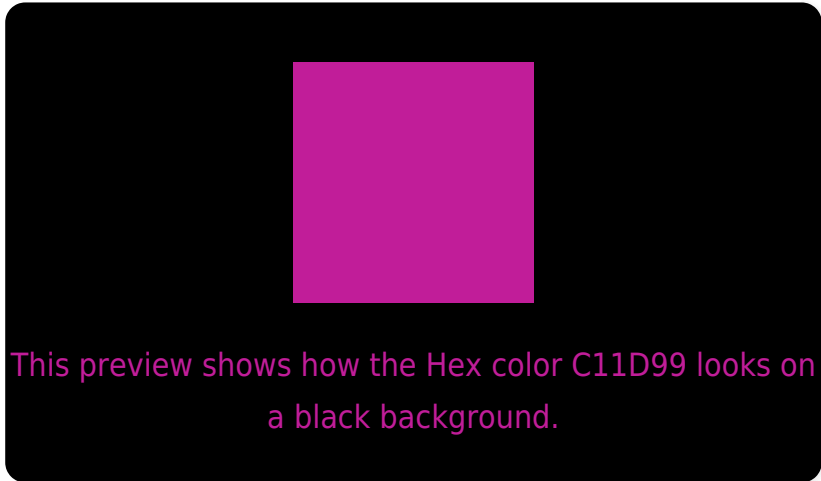
Large Text (above 18pt) WCAG AA ✓ Pass

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

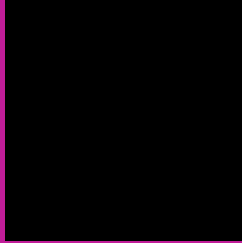
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex C11D99 Background



This preview shows how black text looks on a background with the Hex color C11D99.

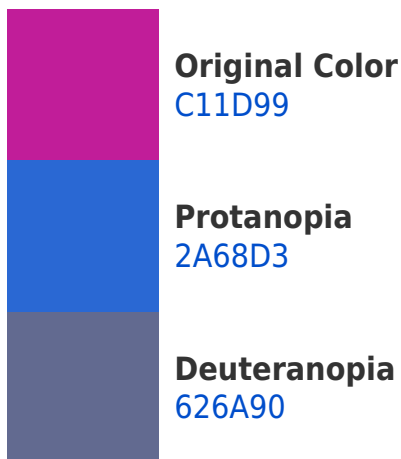


This preview shows how white text looks on a background with the Hex color C11D99.

# 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





# Trichromacy



**Original Color**  
C11D99



**Protanomaly**  
614DBE



**Deuteranomaly**  
854E93

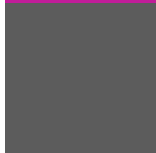


**Tritanomaly**  
BD3463

# Monochromacy



**Original Color**  
C11D99



**Achromatopsia**  
5C5C5C



**Achromatomaly**  
814572

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C11D99 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 #C11D99 looks like.

```
.text, #text, p{  
    color:#C11D99  
}
```

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 #C11D99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C11D99
}
```

## Border

The CSS property to change the border of an element to Hex C11D99 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
#C11D99 }
```

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

```
.border{ border-color:#C11D99 }
```

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

Here you see how a box with a 4 pixel #C11D99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C11D99; -webkit-box-shadow:4px 4px  
4px 4px #C11D99; box-shadow:4px 4px 4px  
4px #C11D99 }
```

# Background

The CSS property to change the background color of an element to Hex C11D99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C11D99 }
```

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

```
.background{ background-color:#C11D99 }
```

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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