

# Converting Colors

Hex(C733B2)

Have a look what the booklet for  
Hex(C733B2) contains.

<b>Hex(C733B2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(C733B2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C733B2
RGB	199, 51, 178
RGB Percent	78%, 20%, 70%
CMY	0.2196, 0.8000, 0.3020
CMYK	0.00, 0.74, 0.11, 0.22
HSL	309°, 59%, 49%
HSV	309°, 74%, 78%
XYZ	32.7729, 17.7241, 43.8133
YIQ	109.7300, 47.4410, 70.8730

# Conversions

## Conversions Part 2

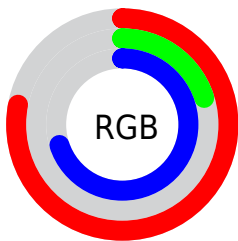
Format	Color
R <sub>Y</sub> B	199, 51, 178
Decimal	13054898
CIE Lab	49.16, 69.75, -35.31
CIE LCh	49, 78.180, 333.151
Yxy	17.7241, 0.3475, 0.1879
Android (android.graphics.Color)	4291244978 (0xFFC733B2)
YUV	109.7300, 33.6571, 78.2898
Hunter-Lab	42.1000, 65.2788, -32.2327

# Details

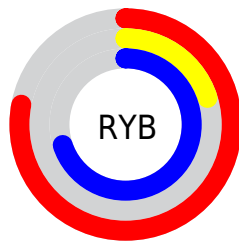
The Hex color **C733B2** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle muted rose. A complement of this color would be **33C748**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF70EA**, and **8D007D** is the 20% darker color. If you saturate the color by 10%, you get **C71FAF**, and if you desaturate by 10%, it is **C747B5**.

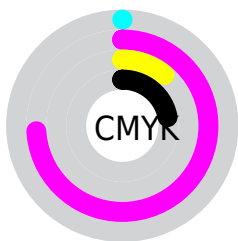
# Distribution



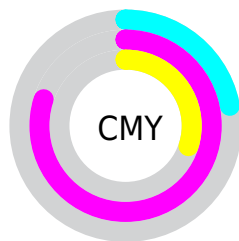
- Red (78%)
- Green (20%)
- Blue (70%)



- Red (78%)
- Yellow (20%)
- Blue (70%)



- Cyan (0%)
- Magenta (74%)
- Yellow (11%)
- Black (22%)



- Cyan (22%)
- Magenta (80%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C733B2 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 C733B2 by changing the saturation by 10% instead.



 C733B2

 C733B2

FFFFFF

 AA0097

 FF70EA

 8D007D

 FF8DFF

 710063

 FFAAFF

 55004B

 FFC7FF

 3C0034

 FFE4FF

 1D001E

 000000

 C733B2

 C733B2

 C71FAF

 C747B5

 C70BAC

 C75BB8

 C700AB

 C76FBA

 C783BD

 C797C0

 C7AAC3

 C7BEC6

 C7D2C9

 C7E6CB

# Harmonies

## Analogous

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



765FE5



C733B2



E50071

# Triad

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



C733B2



887500



0090BC

# Complementary

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



C733B2



33C748

# 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.



00907A



C733B2



418500

# Square

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



C733B2



BC5900



008D33



008BEC

# Rectangle

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



C733B2



E41D46



008D33



0091A8



# Sweetspot

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



C733B2



FFC7F7



4733C7



805E7B



000000



808080



# Same Dimension

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



C733B2



FF1CDF



C73369



635A62



A3008C



24001F



# Inverse Universe

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



C733B2



FF1CDF



33C791



635A62



A3008C



24001F



# Previews

## White Background



This preview shows how the Hex color C733B2 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 ✓ Pass

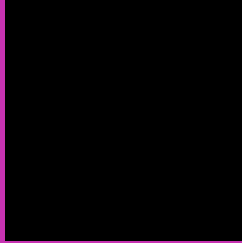
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C733B2 Background



This preview shows how black text looks on a background with the Hex color C733B2.

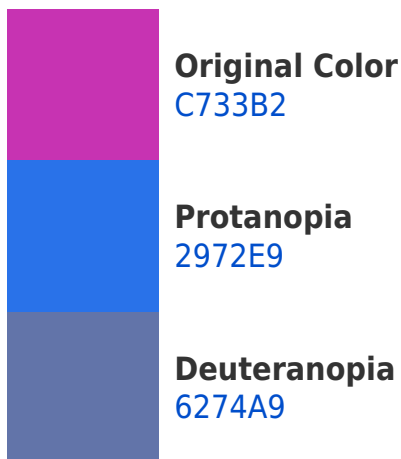


This preview shows how white text looks on a background with the Hex color C733B2.

# Color Blindness Simulation

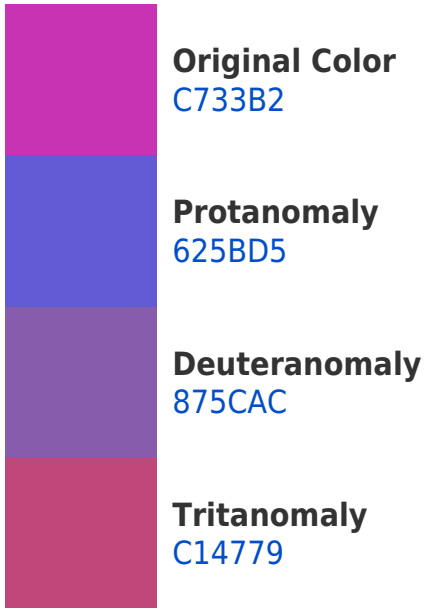
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C733B2 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 #C733B2 looks like.

```
.text, #text, p{  
    color:#C733B2  
}
```

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 #C733B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C733B2
}
```

## Border

The CSS property to change the border of an element to Hex C733B2 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
#C733B2 }
```

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

```
.border{ border-color:#C733B2 }
```

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

Here you see how a box with a 4 pixel #C733B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C733B2; -webkit-box-shadow:4px 4px  
4px 4px #C733B2; box-shadow:4px 4px 4px  
4px #C733B2 }
```

# Background

The CSS property to change the background color of an element to Hex C733B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C733B2 }
```

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

```
.background{ background-color:#C733B2 }
```

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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