

Converting Colors

Hex(C733B7)

Have a look what the booklet for
Hex(C733B7) contains.

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Color

Hex(C733B7)

Conversions

Conversions Part 1

Format	Color
Hex	C733B7
RGB	199, 51, 183
RGB Percent	78%, 20%, 72%
CMY	0.2196, 0.8000, 0.2824
CMYK	0.00, 0.74, 0.08, 0.22
HSL	306°, 59%, 49%
HSV	306°, 74%, 78%
XYZ	33.2843, 17.9287, 46.5060
YIQ	110.3000, 45.8360, 72.4280

Conversions

Conversions Part 2

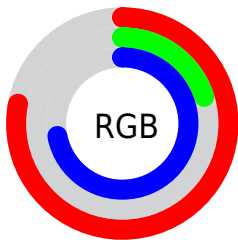
Format	Color
R_{YB}	199, 51, 183
Decimal	13054903
CIE _{Lab}	49.41, 70.49, -37.84
CIE _{LCh}	49, 80.007, 331.770
Yxy	17.9287, 0.3406, 0.1835
Android (android.graphics.Color)	4291244983 (0xFFC733B7)
YUV	110.3000, 35.8411, 77.7899
Hunter-Lab	42.3423, 66.2157, -35.4808

Details

The Hex color **C733B7** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **33C743**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF70EF**, and **8D0081** is the 20% darker color. If you saturate the color by 10%, you get **C71FB5**, and if you desaturate by 10%, it is **C747B9**.

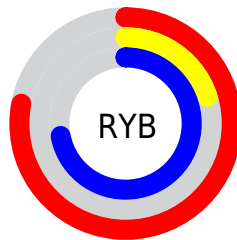
Distribution



Red (78%)

Green (20%)

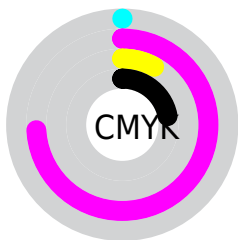
Blue (72%)



Red (78%)

Yellow (20%)

Blue (72%)

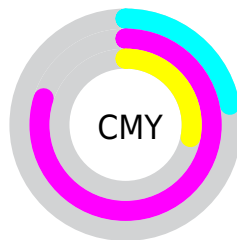


Cyan (0%)

Magenta (74%)

Yellow (8%)

Black (22%)



Cyan (22%)

Magenta (80%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color C733B7 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 C733B7 by changing the saturation by 10% instead.

 C733B7

 C733B7

FFFFFF

 AA009C

 FF70EF

 8D0081

 FF8DFF

 710068

 FFAAFF

 55004F

 FFC7FF

 3C0038

 FFE5FF

 1D0021

 000006

 000000

 C733B7

 C733B7

 C71FB5

 C747B9

 C70BB3

 C75BBB

 C700B1

 C76FBD

 C783C0

 C797C2

 C7AAC4

 C7BEC6

 C7D2C8

 C7E6CA

Harmonies

Analogous

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



7061EB



C733B7



E70075

Triad

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



C733B7



8C7400



0091BC

Complementary

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



C733B7



33C743

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.



009178



C733B7



448500

Square

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



C733B7



C05700



008E2F



008CEE

Rectangle

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



C733B7



E71348



008E2F



0092A6

Sweetspot

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



C733B7



FFC7F9



4233C7



805E7C



000000



808080

Same Dimension

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



C733B7



FF1CE6



C7336E



635A62



A30092



240020

Inverse Universe

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



C733B7



FF1CE6



33C78C



635A62



A30092



240020

Previews

White Background



This preview shows how the Hex color C733B7 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 C733B7 Background



This preview shows how black text looks on a background with the Hex color C733B7.

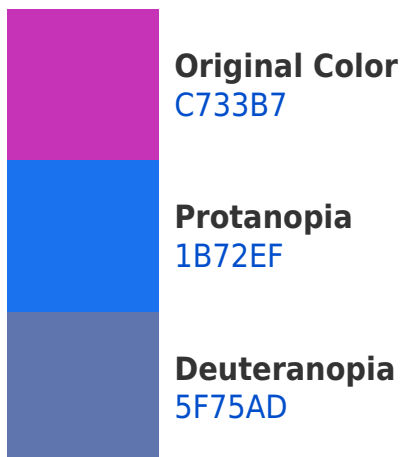


This preview shows how white text looks on a background with the Hex color C733B7.

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](#).

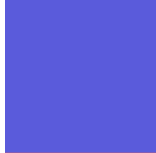
Dichromacy



Trichromacy



Original Color
C733B7



Protanomaly
5A5BDB



Deuteranomaly
855DB1



Tritanomaly
C1487B

Monochromacy



Original Color
C733B7



Achromatopsia
6E6E6E



Achromatomaly
8E5989

CSS Examples

Text

The CSS property to change the color of the text to Hex C733B7 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 #C733B7 looks like.

```
.text, #text, p{  
    color:#C733B7  
}
```

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 #C733B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C733B7
}
```

Border

The CSS property to change the border of an element to Hex C733B7 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
#C733B7 }
```

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

```
.border{ border-color:#C733B7 }
```

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

Here you see how a box with a 4 pixel #C733B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C733B7; -webkit-box-shadow:4px 4px  
4px 4px #C733B7; box-shadow:4px 4px 4px  
4px #C733B7 }
```

Background

The CSS property to change the background color of an element to Hex C733B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C733B7 }
```

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

```
.background{ background-color:#C733B7 }
```

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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