

Converting Colors

Hex(C533BC)

Have a look what the booklet for
Hex(C533BC) contains.

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Color

Hex(C533BC)

Conversions

Conversions Part 1

Format	Color
Hex	C533BC
RGB	197, 51, 188
RGB Percent	77%, 20%, 74%
CMY	0.2275, 0.8000, 0.2627
CMYK	0.00, 0.74, 0.05, 0.23
HSL	304°, 59%, 49%
HSV	304°, 74%, 77%
XYZ	33.2869, 17.8688, 49.2716
YIQ	110.2720, 43.0390, 73.5590

Conversions

Conversions Part 2

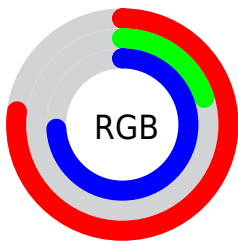
Format	Color
R_{YB}	197, 51, 188
Decimal	12923836
CIE _{Lab}	49.34, 70.81, -40.90
CIE _{LCh}	49, 81.776, 329.992
Yxy	17.8688, 0.3315, 0.1779
Android (android.graphics.Color)	4291113916 (0xFFC533BC)
YUV	110.2720, 38.3199, 76.0605
Hunter-Lab	42.2715, 66.5854, -39.5182

Details

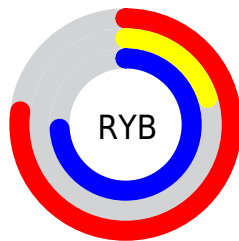
The Hex color **C533BC** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **33C53C**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF70F5**, and **8B0086** is the 20% darker color. If you saturate the color by 10%, you get **C51FBB**, and if you desaturate by 10%, it is **C547BD**.

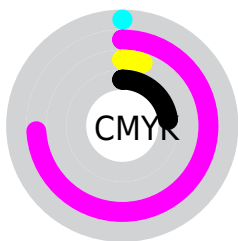
Distribution



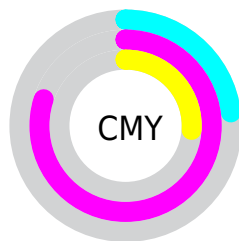
- Red (77%)
- Green (20%)
- Blue (74%)



- Red (77%)
- Yellow (20%)
- Blue (74%)



- Cyan (0%)
- Magenta (74%)
- Yellow (5%)
- Black (23%)



- Cyan (23%)
- Magenta (80%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color C533BC 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 C533BC by changing the saturation by 10% instead.

 C533BC

 C533BC

FFFFFF

 A800A1

 FF70F5

 8B0086

 FF8DFF

 6F006C

 FFAAFF

 530053

 FFC7FF

 3A003C

 FFE5FF

 1B0025

 00010D

 000000

 C533BC

 C533BC

 C51FBB

 C547BD

 C50CBA

 C55ABE

 C500B9

 C56EC0

 C582C1

 C596C2

 C5A9C3

 C5BDC5

 C5D1C6

 C5E4C7

Harmonies

Analogous

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



6662EF



C533BC



E80079

Triad

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



C533BC



8F7300



0092BA

Complementary

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



C533BC



33C53C

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.



009173



C533BC



488500

Square

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



C533BC



C35400



008D27



008DEE

Rectangle

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



C533BC



EA004B



008D27



0092A3

Sweetspot

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



C533BC



FFC7FC



3A33C5



805E7D



000000



808080

Same Dimension

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



C533BC



FF1CF1



C53375



635A63



A30099



240021

Inverse Universe

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



C533BC



FF1CF1



33C583



635A63



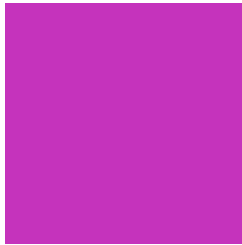
A30099



240021

Previews

White Background



This preview shows how the Hex color C533BC 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

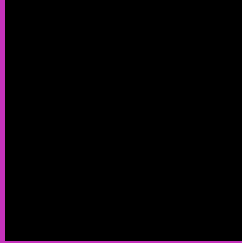
Any Text WCAG AA ✓ Pass

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 C533BC Background



This preview shows how black text looks on a background with the Hex color C533BC.



This preview shows how white text looks on a background with the Hex color C533BC.

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](#).

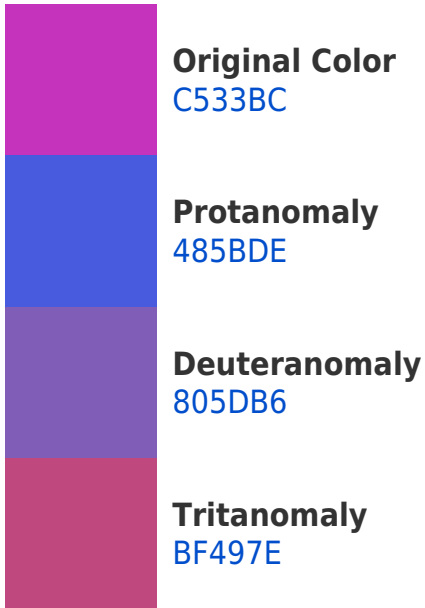
Dichromacy





Tritanopia
BB555B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C533BC 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 #C533BC looks like.

```
.text, #text, p{  
    color:#C533BC  
}
```

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 #C533BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C533BC
}
```

Border

The CSS property to change the border of an element to Hex C533BC 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
#C533BC }
```

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

```
.border{ border-color:#C533BC }
```

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

Here you see how a box with a 4 pixel #C533BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C533BC; -webkit-box-shadow:4px 4px  
4px 4px #C533BC; box-shadow:4px 4px 4px  
4px #C533BC }
```

Background

The CSS property to change the background color of an element to Hex C533BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C533BC }
```

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

```
.background{ background-color:#C533BC }
```

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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