

Converting Colors

Hex(C33AB1)

Have a look what the booklet for
Hex(C33AB1) contains.

Hex(C33AB1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C33AB1)

Conversions

Conversions Part 1

Format	Color
Hex	C33AB1
RGB	195, 58, 177
RGB Percent	76%, 23%, 69%
CMY	0.2353, 0.7725, 0.3059
CMYK	0.00, 0.70, 0.09, 0.24
HSL	308°, 54%, 50%
HSV	308°, 70%, 76%
XYZ	31.9545, 17.8025, 43.3470
YIQ	112.5290, 43.4530, 66.0530

Conversions

Conversions Part 2

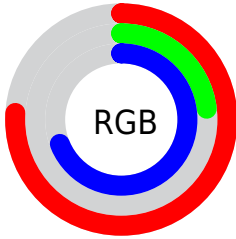
Format	Color
R_{YB}	195, 58, 177
Decimal	12794545
CIE _{Lab}	49.26, 66.40, -34.62
CIE _{LCh}	49, 74.879, 332.463
Yxy	17.8025, 0.3432, 0.1912
Android (android.graphics.Color)	4290984625 (0xFFC33AB1)
YUV	112.5290, 31.7842, 72.3271
Hunter-Lab	42.1931, 61.3476, -31.3764

Details

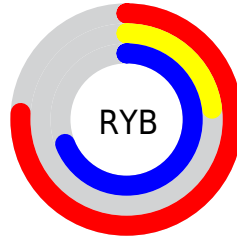
The Hex color **C33AB1** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **3AC34C**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF75E9**, and **8A007C** is the 20% darker color. If you saturate the color by 10%, you get **C326AE**, and if you desaturate by 10%, it is **C34DB4**.

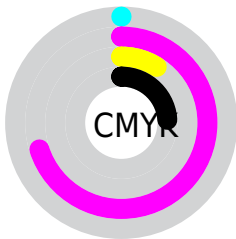
Distribution



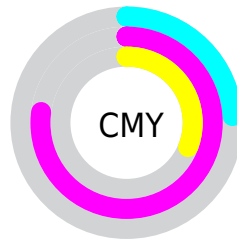
- Red (76%)
- Green (23%)
- Blue (69%)



- Red (76%)
- Yellow (23%)
- Blue (69%)



- Cyan (0%)
- Magenta (70%)
- Yellow (9%)
- Black (24%)



- Cyan (24%)
- Magenta (77%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color C33AB1 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 C33AB1 by changing the saturation by 10% instead.

 C33AB1

 C33AB1

FFFFFF

 A61496

 FF75E9

 8A007C

 FF91FF

 6E0063

 FFAEFF

 52004A

 FFCBFF

 390033

 FFE8FF

 1A001D

 000000

 C33AB1

 C33AB1

 C326AE

 C34DB4

 C313AC

 C361B6

 C300A9

 C374B9

 C388BB

 C39BBE

 C3AFC0

 C3C2C3

 C3D6C5

 C3E9C8

Harmonies

Analogous

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



7561E2



C33AB1



E11773

Triad

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



C33AB1



8A7400



0090B8

Complementary

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



C33AB1



3AC34C

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.



009079



C33AB1



478400

Square

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



C33AB1



BB5A00



008C35



008AE6

Rectangle

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



C33AB1



E02749



008C35



0090A4

Sweetspot

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



C33AB1



FCC7F5



4A3AC3



80607B



000000



808080

Same Dimension

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



C33AB1



FC28E1



C33A6F



615760



A1008C



21001D

Inverse Universe

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



C33AB1



FC28E1



3AC38E



615760



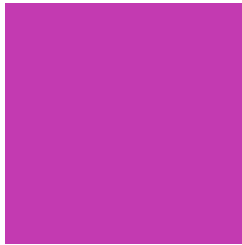
A1008C



21001D

Previews

White Background



This preview shows how the Hex color C33AB1 looks on a white background.

Color Contrast Check

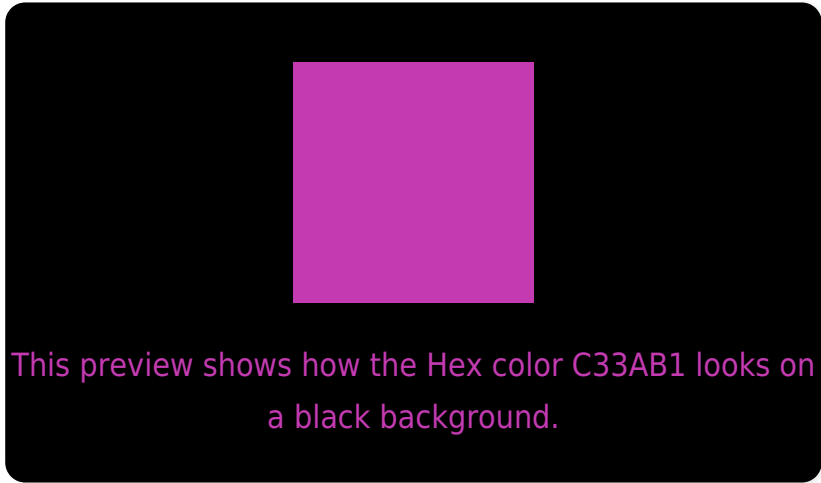
Large Text (above 18pt) WCAG AA ✓ Pass

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

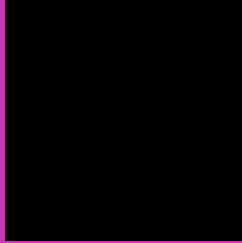
Any Text WCAG AA ✓ Pass

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 C33AB1 Background



This preview shows how black text looks on a background with the Hex color C33AB1.

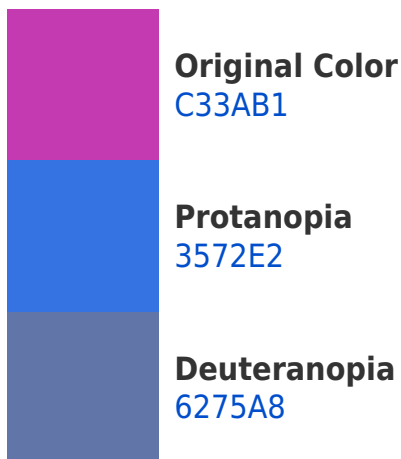


This preview shows how white text looks on a background with the Hex color C33AB1.

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](#).

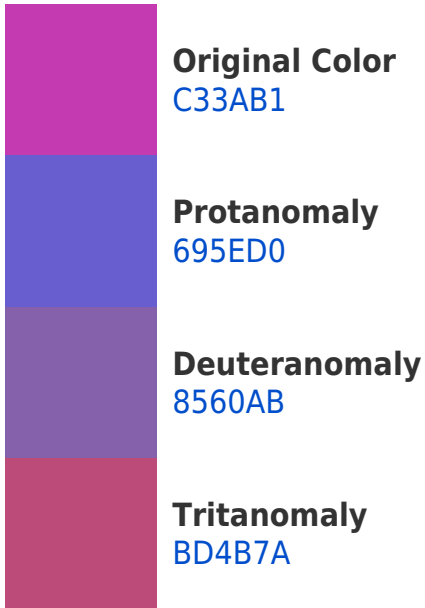
Dichromacy





Tritanopia
BA555B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C33AB1 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 #C33AB1 looks like.

```
.text, #text, p{  
    color:#C33AB1  
}
```

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 #C33AB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C33AB1
}
```

Border

The CSS property to change the border of an element to Hex C33AB1 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
#C33AB1 }
```

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

```
.border{ border-color:#C33AB1 }
```

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

Here you see how a box with a 4 pixel #C33AB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C33AB1; -webkit-box-shadow:4px 4px  
4px 4px #C33AB1; box-shadow:4px 4px 4px  
4px #C33AB1 }
```

Background

The CSS property to change the background color of an element to Hex C33AB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C33AB1 }
```

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

```
.background{ background-color:#C33AB1 }
```

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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