

Converting Colors

Hex(C33D9A)

Have a look what the booklet for
Hex(C33D9A) contains.

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Color

Hex(C33D9A)

Conversions

Conversions Part 1

Format	Color
Hex	C33D9A
RGB	195, 61, 154
RGB Percent	76%, 24%, 60%
CMY	0.2353, 0.7608, 0.3961
CMYK	0.00, 0.69, 0.21, 0.24
HSL	318°, 53%, 50%
HSV	318°, 69%, 76%
XYZ	30.0072, 17.2727, 32.3243
YIQ	111.6680, 50.0110, 57.3310

Conversions

Conversions Part 2

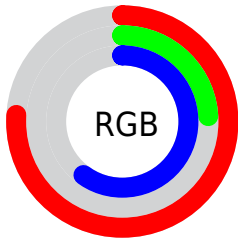
Format	Color
R_{YB}	195, 61, 154
Decimal	12795290
CIE _{Lab}	48.60, 62.00, -22.04
CIE _{LCh}	49, 65.803, 340.434
Yxy	17.2727, 0.3770, 0.2170
Android (android.graphics.Color)	4290985370 (0xFFC33D9A)
YUV	111.6680, 20.8697, 73.0822
Hunter-Lab	41.5604, 56.1486, -17.0214

Details

The Hex color **C33D9A** 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 **3DC366**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF76D1**, and **890067** is the 20% darker color. If you saturate the color by 10%, you get **C32A94**, and if you desaturate by 10%, it is **C351A0**.

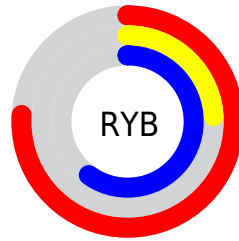
Distribution



Red (76%)

Green (24%)

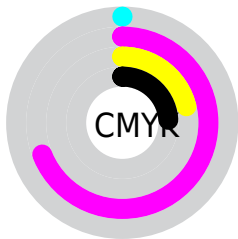
Blue (60%)



Red (76%)

Yellow (24%)

Blue (60%)

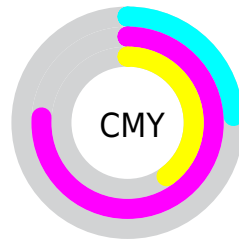


Cyan (0%)

Magenta (69%)

Yellow (21%)

Black (24%)



Cyan (24%)

Magenta (76%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color C33D9A 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 C33D9A by changing the saturation by 10% instead.

 C33D9A

 C33D9A

FFFFFF

 A61B80

 FF76D1

 890067

 FF92ED

 6D004E

 FFAFFF

 520037

 FFCCFF

 390022

 FFE9FF

 180006

 000000

 C33D9A

 C33D9A

 C32A94

 C351A0

 C3168E

 C364A6

 C30388

 C378AC

 C30087

 C38BB2

 C39FB8

 C3B2BE

 C3C6C4

 C3D9CA

 C3EDD0

Harmonies

Analogous

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



8D5BC9



C33D9A



D53262

Triad

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



C33D9A



7A7700



008BBB

Complementary

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



C33D9A



3DC366

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.



008C86



C33D9A



3A830B

Square

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



C33D9A



A96300



008A4C



0084DD

Rectangle

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



C33D9A



D03F3F



008A4C



008CAB

Sweetspot

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



C33D9A



FCC7EC



653DC3



806076



000000



808080

Same Dimension

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



C33D9A



FC2DBD



C33D58



61575E



A1006F



210017

Inverse Universe

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



C33D9A



FC2DBD



3DC3A8



61575E



A1006F



210017

Previews

White Background



This preview shows how the Hex color C33D9A looks on a white background.

Color Contrast Check

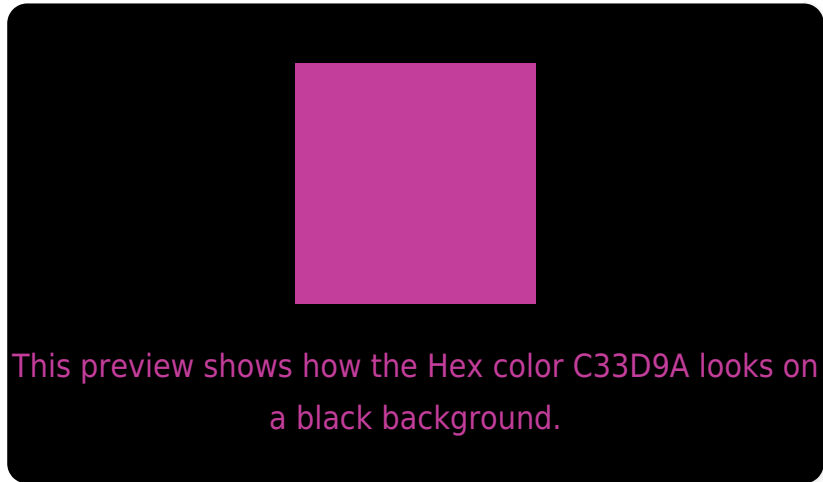
Large Text (above 18pt) WCAG AA ✓ Pass

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 C33D9A Background



This preview shows how black text looks on a background with the Hex color C33D9A.

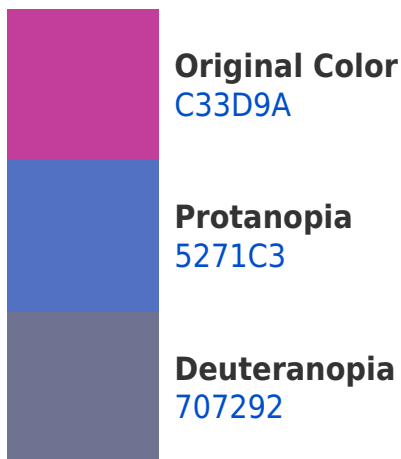


This preview shows how white text looks on a background with the Hex color C33D9A.

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
C33D9A



Protanomaly
7B5EB4



Deuteranomaly
8E5F95



Tritanomaly
BF496F

Monochromacy



Original Color
C33D9A



Achromatopsia
707070



Achromatomaly
8E5D7F

CSS Examples

Text

The CSS property to change the color of the text to Hex C33D9A 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 #C33D9A looks like.

```
.text, #text, p{  
    color:#C33D9A  
}
```

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 #C33D9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C33D9A
}
```

Border

The CSS property to change the border of an element to Hex C33D9A 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
#C33D9A }
```

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

```
.border{ border-color:#C33D9A }
```

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

Here you see how a box with a 4 pixel #C33D9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C33D9A; -webkit-box-shadow:4px 4px  
4px 4px #C33D9A; box-shadow:4px 4px 4px  
4px #C33D9A }
```

Background

The CSS property to change the background color of an element to Hex C33D9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C33D9A }
```

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

```
.background{ background-color:#C33D9A }
```

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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