

# Converting Colors

Hex(CC33A0)

Have a look what the booklet for  
Hex(CC33A0) contains.

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# Color

**Hex(CC33A0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC33A0
RGB	204, 51, 160
RGB Percent	80%, 20%, 63%
CMY	0.2000, 0.8000, 0.3725
CMYK	0.00, 0.75, 0.22, 0.20
HSL	317°, 60%, 50%
HSV	317°, 75%, 80%
XYZ	32.4308, 17.7431, 34.9732
YIQ	109.1730, 56.1990, 66.3350

# Conversions

## Conversions Part 2

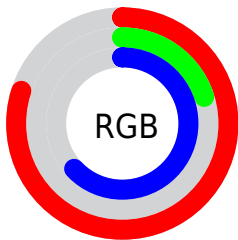
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 51, 160
Decimal	13382560
CIE <sub>Lab</sub>	49.18, 68.43, -24.58
CIE <sub>LCh</sub>	49, 72.711, 340.238
Yxy	17.7431, 0.3809, 0.2084
Android (android.graphics.Color)	4291572640 (0xFFCC33A0)
YUV	109.1730, 25.0577, 83.1633
Hunter-Lab	42.1225, 63.7156, -19.7410

# Details

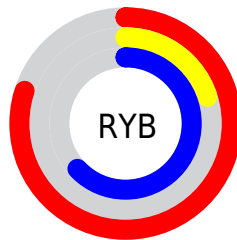
The Hex color **CC33A0** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **33CC5F**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF70D7**, and **92006C** is the 20% darker color. If you saturate the color by 10%, you get **CC1F9A**, and if you desaturate by 10%, it is **CC47A6**.

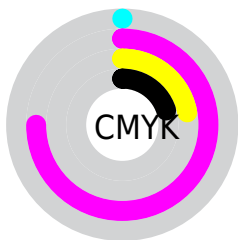
# Distribution



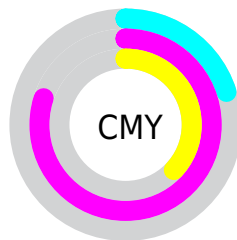
- Red (80%)
- Green (20%)
- Blue (63%)



- Red (80%)
- Yellow (20%)
- Blue (63%)



- Cyan (0%)
- Magenta (75%)
- Yellow (22%)
- Black (20%)



- Cyan (20%)
- Magenta (80%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC33A0 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 CC33A0 by changing the saturation by 10% instead.



■ CC33A0

■ CC33A0

FFFFFF

■ AF0086

■ FF70D7

■ 92006C

■ FF8DF3

■ 750054

■ FFAAFF

■ 59003C

■ FFC7FF

■ 3F0027

■ FFE5FF

■ 21000F

■ 000000

■ CC33A0

■ CC33A0

■ CC1F9A

■ CC47A6

 CC0A94

 CC5CAC

 CC0091

 CC70B2

 CC85B7

 CC99BD

 CCADC3

 CCC2C9

 CCD6CF

 CCEBD5

# Harmonies

## Analogous

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



8F59D4



CC33A0



DF2263

# Triad

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



CC33A0



7B7900



008EC4

# Complementary

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



CC33A0



33CC5F

# 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.



008F89



CC33A0



318600

# Square

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



CC33A0



AE6200



008D48



0087EA

# Rectangle

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



CC33A0



DA353B



008D48



008FB2



# Sweetspot

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



CC33A0



FFC4EE



5E33CC



805C75



000000



808080



# Same Dimension

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



CC33A0



FF19BD



CC3354



665C63



A60076



26001B



# Inverse Universe

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



CC33A0



FF19BD



33CCAB



665C63



A60076



26001B



# Previews

## White Background



This preview shows how the Hex color CC33A0 looks on a white background.

## Color Contrast Check

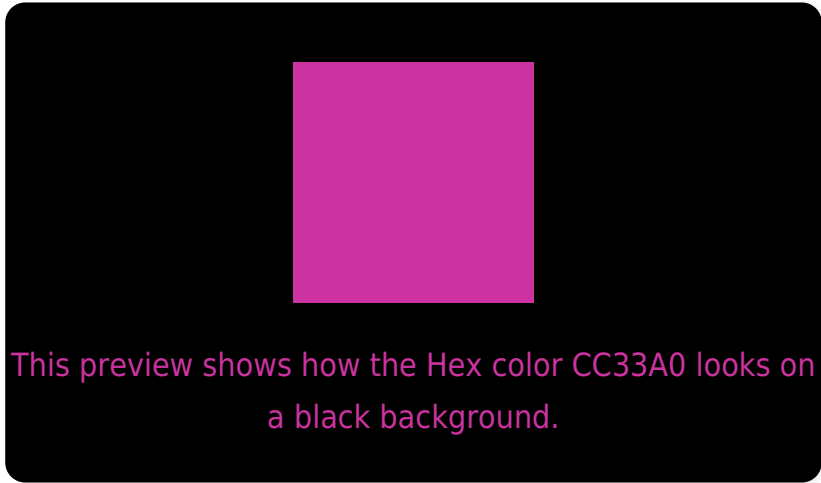
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC33A0 Background



This preview shows how black text looks on a background with the Hex color CC33A0.

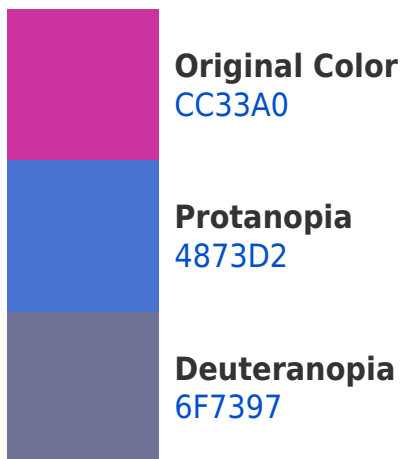


This preview shows how white text looks on a background with the Hex color CC33A0.

# 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**  
CC33A0



**Protanomaly**  
785CC0



**Deuteranomaly**  
915C9A

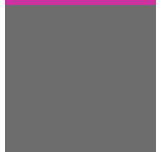


**Tritanomaly**  
C8436E

# Monochromacy



**Original Color**  
CC33A0



**Achromatopsia**  
6D6D6D



**Achromatomaly**  
905880

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC33A0 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 #CC33A0 looks like.

```
.text, #text, p{  
    color:#CC33A0  
}
```

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 #CC33A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC33A0
}
```

## Border

The CSS property to change the border of an element to Hex CC33A0 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
#CC33A0 }
```

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

```
.border{ border-color:#CC33A0 }
```

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

Here you see how a box with a 4 pixel #CC33A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC33A0; -webkit-box-shadow:4px 4px  
4px 4px #CC33A0; box-shadow:4px 4px 4px  
4px #CC33A0 }
```

# Background

The CSS property to change the background color of an element to Hex CC33A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC33A0 }
```

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

```
.background{ background-color:#CC33A0 }
```

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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