

# Converting Colors

Hex(331CD3)

Have a look what the booklet for  
Hex(331CD3) contains.

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# Color

**Hex(331CD3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	331CD3
RGB	51, 28, 211
RGB Percent	20%, 11%, 83%
CMY	0.8000, 0.8902, 0.1725
CMYK	0.76, 0.87, 0.00, 0.17
HSL	248°, 77%, 47%
HSV	248°, 87%, 83%
XYZ	13.5384, 6.2375, 62.1184
YIQ	55.7390, -45.0350, 61.7890

# Conversions

## Conversions Part 2

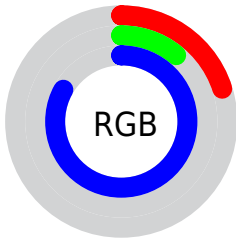
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	51, 28, 211
Decimal	3349715
CIE <sub>Lab</sub>	30.00, 62.83, -86.56
CIE <sub>LCh</sub>	30, 106.959, 305.975
Yxy	6.2375, 0.1653, 0.0762
Android (android.graphics.Color)	4281539795 (0xFF331CD3)
YUV	55.7390, 76.5437, -4.1561
Hunter-Lab	24.9749, 53.0549, -129.9856

# Details

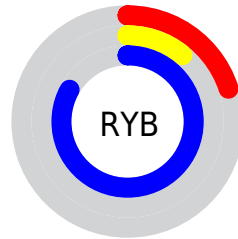
The Hex color **331CD3** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **BCD31C**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **7D51FF**, and **00009B** is the 20% darker color. If you saturate the color by 10%, you get **2107D3**, and if you desaturate by 10%, it is **4531D3**.

# Distribution



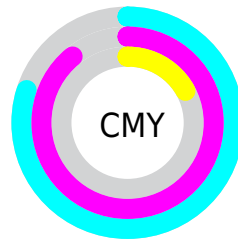
- Red (20%)
- Green (11%)
- Blue (83%)



- Red (20%)
- Yellow (11%)
- Blue (83%)



- Cyan (76%)
- Magenta (87%)
- Yellow (0%)
- Black (17%)






















- Cyan (80%)
- Magenta (89%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 331CD3 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 331CD3 by changing the saturation by 10% instead.



 331CD3	 331CD3
 FFFFFFFF	 0000B7
 7D51FF	 00009B
 9D6BFF	 000080
 BC86FF	 000265
 DBA1FF	 00094C
 FBBDFE	 000535
 FFD9FF	 00021E
 FFF6FF	 000001
	 000000

■ 331CD3

■ 331CD3

■ 2107D3

■ 4531D3

■ 1B00D3

■ 5846D3

■ 6A5BD3

■ 7D70D3

■ 8F86D3

■ A29BD3

■ B4B0D3

■ C7C5D3

■ D9DAD3

# Harmonies

## Analogous

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



0053F5



331CD3



AD008D

# Triad

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



331CD3



8A1E00



006056

# Complementary

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



331CD3



BCD31C

# 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.



005D00



331CD3



484A00

# Square

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



331CD3



B70000



005800



0062AA

# Rectangle

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



331CD3



C50056



005800



005F39



# Sweetspot

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



331CD3



C5BDFE



1CBED3



5D5880



000000



808080



# Same Dimension

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



331CD3



2000FF



8D1CD3



5F5E69



1500A8



050029



# Inverse Universe

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



D31CBC



FF00DF



62D31C



695E67



A80093

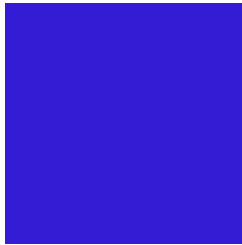


290024



# Previews

## White Background



This preview shows how the Hex color 331CD3 looks on a white background.

## Color Contrast Check

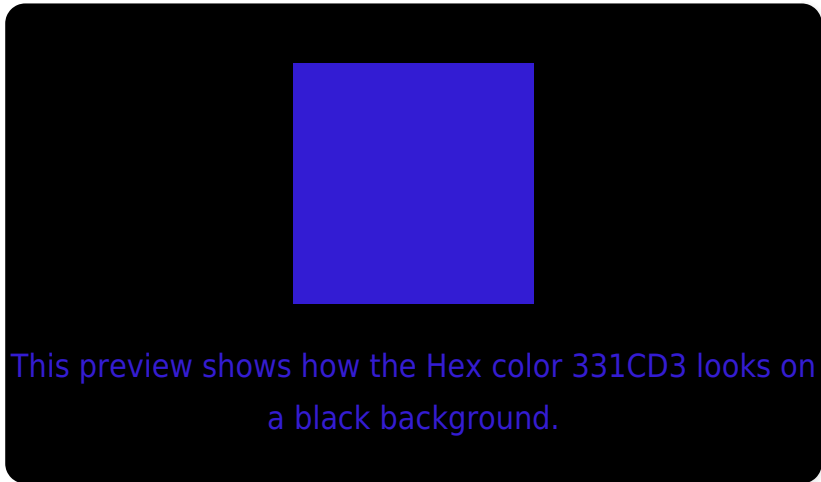
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

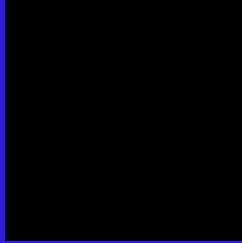
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 331CD3 Background



This preview shows how black text looks on a background with the Hex color 331CD3.



This preview shows how white text looks on a background with the Hex color 331CD3.

# 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



**Original Color**  
331CD3

**Protanopia**  
00448F

**Deuteranopia**  
00497A



**Tritanopia**  
004F53

# Trichromacy



**Original Color**  
331CD3

**Protanomaly**  
1335A8

**Deuteranomaly**  
13399A

**Tritanomaly**  
133C82

# Monochromacy



**Original Color**  
331CD3

**Achromatopsia**  
383838

**Achromatomaly**  
362E70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 331CD3 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 #331CD3 looks like.

```
.text, #text, p{  
    color:#331CD3  
}
```

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 #331CD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #331CD3
}
```

## Border

The CSS property to change the border of an element to Hex 331CD3 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
#331CD3 }
```

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

```
.border{ border-color:#331CD3 }
```

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

Here you see how a box with a 4 pixel #331CD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #331CD3; -webkit-box-shadow:4px 4px  
4px 4px #331CD3; box-shadow:4px 4px 4px  
4px #331CD3 }
```

# Background

The CSS property to change the background color of an element to Hex 331CD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#331CD3 }
```

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

```
.background{ background-color:#331CD3 }
```

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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