

Converting Colors

Hex(321CE3)

Have a look what the booklet for
Hex(321CE3) contains.

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Color

Hex(321CE3)

Conversions

Conversions Part 1

Format	Color
Hex	321CE3
RGB	50, 28, 227
RGB Percent	20%, 11%, 89%
CMY	0.8039, 0.8902, 0.1098
CMYK	0.78, 0.88, 0.00, 0.11
HSL	247°, 78%, 50%
HSV	247°, 88%, 89%
XYZ	15.5958, 7.0547, 73.2127
YIQ	57.2640, -50.7670, 66.5530

Conversions

Conversions Part 2

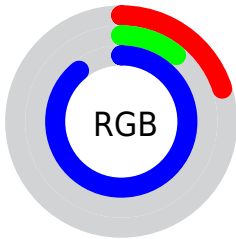
Format	Color
RYB	50, 28, 227
Decimal	3284195
CIELab	31.93, 67.13, -92.58
CIELCh	32, 114.355, 305.948
Yxy	7.0547, 0.1627, 0.0736
Android (android.graphics.Color)	4281474275 (0xFF321CE3)
YUV	57.2640, 83.6798, -6.3705
Hunter-Lab	26.5606, 58.3299, -144.8368

Details

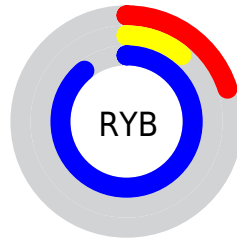
The Hex color **321CE3** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **CDE31C**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **8052FF**, and **0000AA** is the 20% darker color. If you saturate the color by 10%, you get **1E05E3**, and if you desaturate by 10%, it is **4633E3**.

Distribution



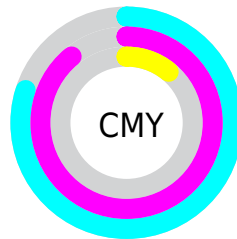
- Red (20%)
- Green (11%)
- Blue (89%)



- Red (20%)
- Yellow (11%)
- Blue (89%)



- Cyan (78%)
- Magenta (88%)
- Yellow (0%)
- Black (11%)



- Cyan (80%)
- Magenta (89%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 321CE3 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 321CE3 by changing the saturation by 10% instead.

■ 321CE3

■ 321CE3

FFFFFF

■ 0000C6

■ 8052FF

■ 0000AA

■ A16DFF

■ 00008E

■ C188FF

■ 000073

■ E0A3FF

■ 000D5A

■ FFBFFF

■ 000741

■ FFD0FF

■ 00032A

■ FFF9FF

■ 000114

■ 000000

■ 321CE3

■ 321CE3

■ 1E05E3

■ 4633E3

■ 1900E3

■ 5A49E3

■ 6F60E3

■ 8377E3

■ 978EE3

■ ABA4E3

■ BFBBE3

■ D4D2E3

■ E8E8E3

Harmonies

Analogous

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



0058FF



321CE3



B90097

Triad

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



321CE3



931E00



00655C

Complementary

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



321CE3



CDE31C

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.



006300



321CE3



4D4F00

Square

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



321CE3



C40000



005E00



0069B6

Rectangle

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



321CE3



D3005C



005E00



00653C

Sweetspot

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



321CE3



C4BDFF



1CCFE3



5C5880



000000



808080

Same Dimension

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



321CE3



1C00FF



931CE3



696773



1400B3



060033

Inverse Universe

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



E31CCD



FF00E3



6CE31C



736771



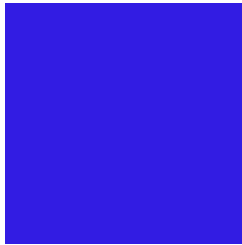
B3009F



33002D

Previews

White Background



This preview shows how the Hex color 321CE3 looks on a white background.

Color Contrast Check

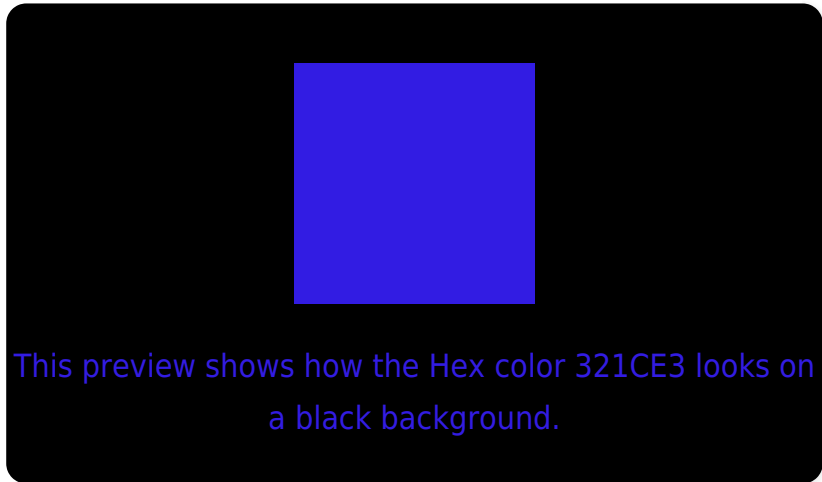
Large Text (above 18pt) WCAG AA ✓ Pass

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

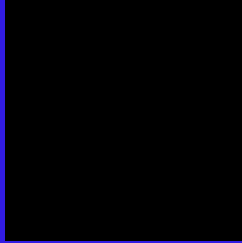
Any Text WCAG AA × Fail

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 321CE3 Background



This preview shows how black text looks on a background with the Hex color 321CE3.



This preview shows how white text looks on a background with the Hex color 321CE3.

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
321CE3

Protanomaly
1238B3

Deuteranomaly
123BA5

Tritanomaly
123F8A

Monochromacy



Original Color
321CE3

Achromatopsia
393939

Achromatomaly
362E77

CSS Examples

Text

The CSS property to change the color of the text to Hex 321CE3 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 #321CE3 looks like.

```
.text, #text, p{  
    color:#321CE3  
}
```

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 #321CE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #321CE3
}
```

Border

The CSS property to change the border of an element to Hex 321CE3 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
#321CE3 }
```

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

```
.border{ border-color:#321CE3 }
```

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

Here you see how a box with a 4 pixel #321CE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #321CE3; -webkit-box-shadow:4px 4px  
4px 4px #321CE3; box-shadow:4px 4px 4px  
4px #321CE3 }
```

Background

The CSS property to change the background color of an element to Hex 321CE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#321CE3 }
```

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

```
.background{ background-color:#321CE3 }
```

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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