

Converting Colors

Hex(321CED)

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

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Color

Hex(321CED)

Conversions

Conversions Part 1

Format	Color
Hex	321CED
RGB	50, 28, 237
RGB Percent	20%, 11%, 93%
CMY	0.8039, 0.8902, 0.0706
CMYK	0.79, 0.88, 0.00, 0.07
HSL	246°, 85%, 52%
HSV	246°, 88%, 93%
XYZ	17.0167, 7.6230, 80.6953
YIQ	58.4040, -53.9770, 69.6630

Conversions

Conversions Part 2

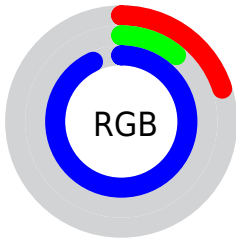
Format	Color
RYB	50, 28, 237
Decimal	3284205
CIELab	33.19, 69.80, -96.19
CIELCh	33, 118.847, 305.967
Yxy	7.6230, 0.1615, 0.0724
Android (android.graphics.Color)	4281474285 (0xFF321CED)
YUV	58.4040, 88.0478, -7.3703
Hunter-Lab	27.6099, 61.6972, -153.9599

Details

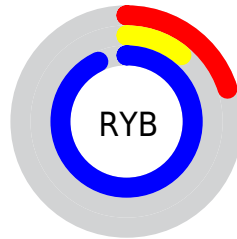
The Hex color **321CED** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **D7ED1C**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **8253FF**, and **0000B3** is the 20% darker color. If you saturate the color by 10%, you get **1D04ED**, and if you desaturate by 10%, it is **4734ED**.

Distribution



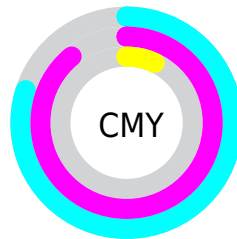
- Red (20%)
- Green (11%)
- Blue (93%)



- Red (20%)
- Yellow (11%)
- Blue (93%)



- Cyan (79%)
- Magenta (88%)
- Yellow (0%)
- Black (7%)



- Cyan (80%)
- Magenta (89%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 321CED

 321CED

FFFFFF

 0000D0

 8253FF

 0000B3

 A36EFF

 000097

 C489FF

 00007C

 E4A5FF

 000F62

 FFC1FF

 000949

 FFDDFF

 000432

 FFFBFF

 00011C

 000000

■ 321CED

■ 321CED

■ 1D04ED

■ 4734ED

■ 1900ED

■ 5C4BED

■ 7263ED

■ 877BED

■ 9C93ED

■ B1AAED

■ C6C2ED

■ DCDAED

■ F1F1ED

Harmonies

Analogous

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



005CFF



321CED



C1009D

Triad

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



321CED



991E00



006960

Complementary

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



321CED



D7ED1C

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.



006700



321CED



4F5200

Square

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



321CED



CC0000



006200



006DBE

Rectangle

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



321CED



DC0060



006200



00683F

Sweetspot

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



321CED



C4BDFE



1CD8ED



5C5880



000000



808080

Same Dimension

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



321CED



1B00FF



991CED



6B6A75



1300B5



060036

Inverse Universe

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



ED1CD7



FF00E4



70ED1C



756A74



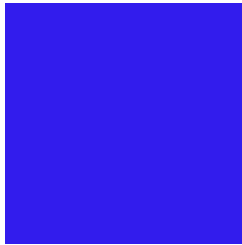
B500A2



360030

Previews

White Background



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

Color Contrast Check

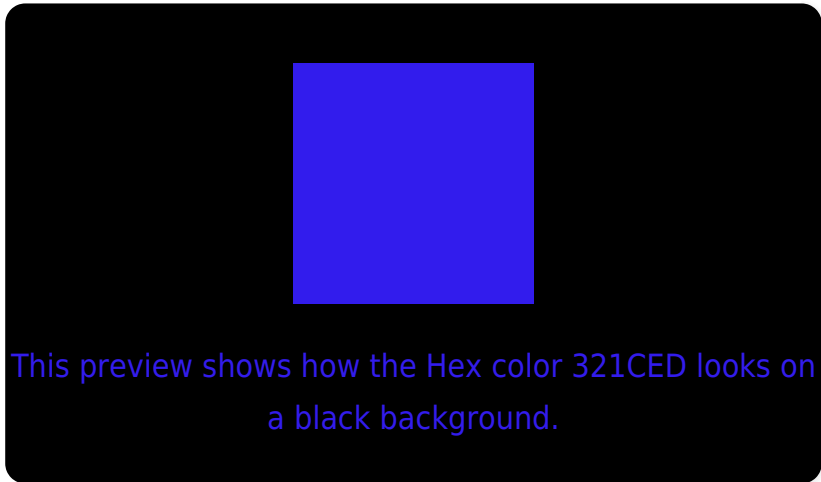
Large Text (above 18pt) WCAG AA ✓ Pass

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

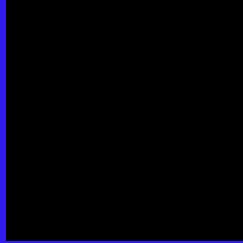
Any Text WCAG AA × Fail

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 321CED Background



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



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

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
00565B

Trichromacy



Original Color
321CED

Protanomaly
123ABA

Deuteranomaly
123DAB

Tritanomaly
124190

Monochromacy



Original Color
321CED

Achromatopsia
3A3A3A

Achromatomaly
372F7B

CSS Examples

Text

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

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

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 #321CED colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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