

Converting Colors

Hex(301FC5)

Have a look what the booklet for
Hex(301FC5) contains.

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Color

Hex(301FC5)

Conversions

Conversions Part 1

Format	Color
Hex	301FC5
RGB	48, 31, 197
RGB Percent	19%, 12%, 77%
CMY	0.8118, 0.8784, 0.2275
CMYK	0.76, 0.84, 0.00, 0.23
HSL	246°, 73%, 45%
HSV	246°, 84%, 77%
XYZ	11.7870, 5.6396, 53.2906
YIQ	55.0070, -43.1540, 55.2300

Conversions

Conversions Part 2

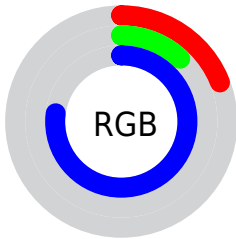
Format	Color
R_{YB}	48, 31, 197
Decimal	3153861
CIE _{Lab}	28.48, 57.60, -80.92
CIE _{LCh}	28, 99.322, 305.443
Yxy	5.6396, 0.1667, 0.0797
Android (android.graphics.Color)	4281343941 (0xFF301FC5)
YUV	55.0070, 70.0025, -6.1451
Hunter-Lab	23.7478, 47.0380, -116.4249

Details

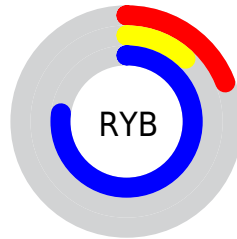
The Hex color **301FC5** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **B4C51F**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **7752FF**, and **00008E** is the 20% darker color. If you saturate the color by 10%, you get **1E0BC5**, and if you desaturate by 10%, it is **4233C5**.

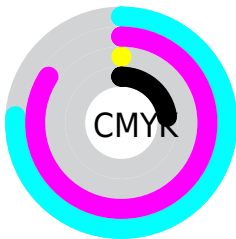
Distribution



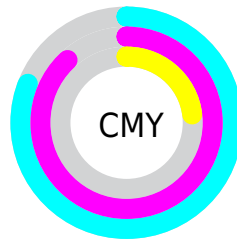
- Red (19%)
- Green (12%)
- Blue (77%)



- Red (19%)
- Yellow (12%)
- Blue (77%)



- Cyan (76%)
- Magenta (84%)
- Yellow (0%)
- Black (23%)



- Cyan (81%)
- Magenta (88%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 301FC5 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 301FC5 by changing the saturation by 10% instead.

■ 301FC5

■ 301FC5

FFFFFF

■ 0001A9

■ 7752FF

■ 00008E

■ 976BFF

■ 000073

■ B686FF

■ 000759

■ D4A1FF

■ 000741

■ F3BCFF

■ 00032A

■ FFD9FF

■ 000114

■ FFF6FF

■ 000000

■ 301FC5

■ 301FC5

■ 1E0BC5

■ 4233C5

■ 1400C5

■ 5346C5

■ 655AC5

■ 776EC5

■ 8882C5

■ 9A95C5

■ ACA9C5

■ BDBDC5

■ CFD0C5

Harmonies

Analogous

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



004EE3



301FC5



A10085

Triad

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



301FC5



821D00



005B50

Complementary

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



301FC5



B4C51F

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.



005800



301FC5



474600

Square

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



301FC5



AC0000



005400



005D9D

Rectangle

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



301FC5



B80053



005400



005A35

Sweetspot

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



301FC5



C6BFFF



1FB4C5



5D5980



000000



808080

Same Dimension

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



301FC5



1A00FF



831FC5



5B5A63



1100A3



040024

Inverse Universe

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



C51FB4



FF00E5



61C51F



635A62



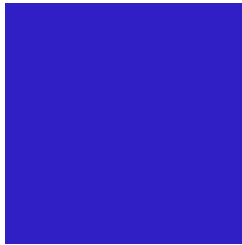
A30092



240020

Previews

White Background



This preview shows how the Hex color 301FC5 looks on a white background.

Color Contrast Check

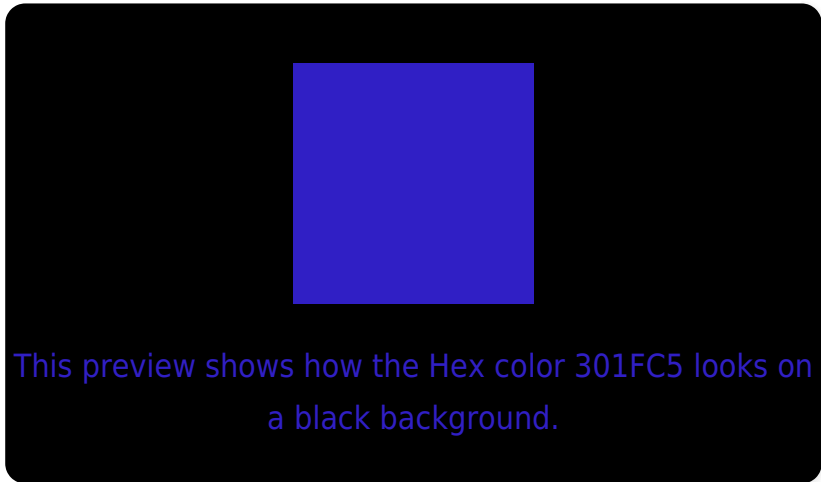
Large Text (above 18pt) WCAG AA ✓ Pass

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

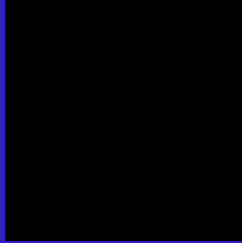
Any Text WCAG AA × Fail

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 301FC5 Background



This preview shows how black text looks on a background with the Hex color 301FC5.



This preview shows how white text looks on a background with the Hex color 301FC5.

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
301FC5

Protanopia
004188

Deuteranopia
004574



Tritanopia
004B4F

Trichromacy



Original Color
301FC5

Protanomaly
11359E

Deuteranomaly
113791

Tritanomaly
113B7A

Monochromacy



Original Color
301FC5

Achromatopsia
373737

Achromatomaly
342E6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 301FC5 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 #301FC5 looks like.

```
.text, #text, p{  
    color:#301FC5  
}
```

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 #301FC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #301FC5
}
```

Border

The CSS property to change the border of an element to Hex 301FC5 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".

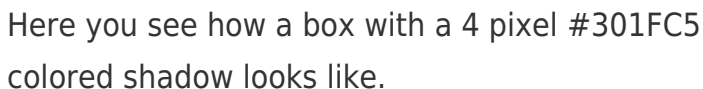
```
.border, #border, table{ border:4px solid
#301FC5 }
```

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

```
.border{ border-color:#301FC5 }
```

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

Here you see how a box with a 4 pixel #301FC5 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #301FC5; -webkit-box-shadow:4px 4px  
4px 4px #301FC5; box-shadow:4px 4px 4px  
4px #301FC5 }
```

Background

The CSS property to change the background color of an element to Hex 301FC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#301FC5 }
```

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

```
.background{ background-color:#301FC5 }
```

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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