

Converting Colors

Hex(371FE3)

Have a look what the booklet for
Hex(371FE3) contains.

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Color

Hex(371FE3)

Conversions

Conversions Part 1

Format	Color
Hex	371FE3
RGB	55, 31, 227
RGB Percent	22%, 12%, 89%
CMY	0.7843, 0.8784, 0.1098
CMYK	0.76, 0.86, 0.00, 0.11
HSL	247°, 78%, 51%
HSV	247°, 86%, 89%
XYZ	15.9307, 7.3382, 73.2498
YIQ	60.5200, -48.6120, 66.0440

Conversions

Conversions Part 2

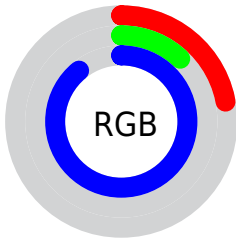
Format	Color
R_{YB}	55, 31, 227
Decimal	3612643
CIE _{Lab}	32.56, 66.35, -91.51
CIE _{LCh}	33, 113.033, 305.942
Yxy	7.3382, 0.1651, 0.0760
Android (android.graphics.Color)	4281802723 (0xFF371FE3)
YUV	60.5200, 82.0746, -4.8410
Hunter-Lab	27.0892, 57.5665, -141.3591

Details

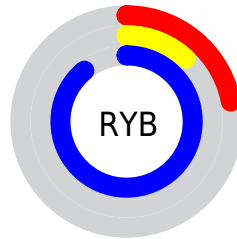
The Hex color **371FE3** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **CBE31F**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **8255FF**, and **0000AA** is the 20% darker color. If you saturate the color by 10%, you get **2308E3**, and if you desaturate by 10%, it is **4B36E3**.

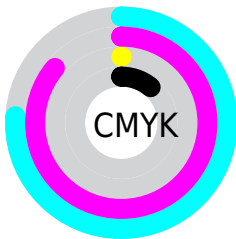
Distribution



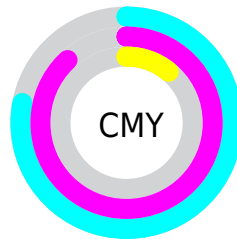
- Red (22%)
- Green (12%)
- Blue (89%)



- Red (22%)
- Yellow (12%)
- Blue (89%)



- Cyan (76%)
- Magenta (86%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 371FE3 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 371FE3 by changing the saturation by 10% instead.

■ 371FE3

■ 371FE3

FFFFFF

■ 0000C6

■ 8255FF

■ 0000AA

■ A36FFF

■ 00008E

■ C38AFF

■ 000074

■ E3A5FF

■ 000D5A

■ FFC1FF

■ 000741

■ FFDEFF

■ 00032A

■ FFFBFF

■ 000114

■ 000000

■ 371FE3

■ 371FE3

■ 2308E3

■ 4B36E3

■ 1C00E3

■ 5F4CE3

■ 7363E3

■ 877AE3

■ 9B90E3

■ AFA7E3

■ C2BEE3

■ D6D5E3

■ EAEBE3

Harmonies

Analogous

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



0059FF



371FE3



BA0098

Triad

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



371FE3



942100



00675D

Complementary

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



371FE3



CBE31F

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.



006500



371FE3



4F5000

Square

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



371FE3



C50000



006000



006AB7

Rectangle

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



371FE3



D4005D



006000



00663E

Sweetspot

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



371FE3



C5BDFF



1FCCE3



5D5880



000000



808080

Same Dimension

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



371FE3



1F00FF



981FE3



696773



1600B3



060033

Inverse Universe

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



E31FCB



FF00E0



6AE31F



736771



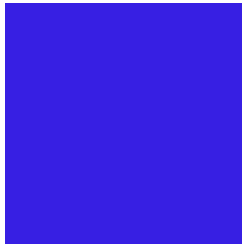
B3009D



33002D

Previews

White Background



This preview shows how the Hex color 371FE3 looks on a white background.

Color Contrast Check

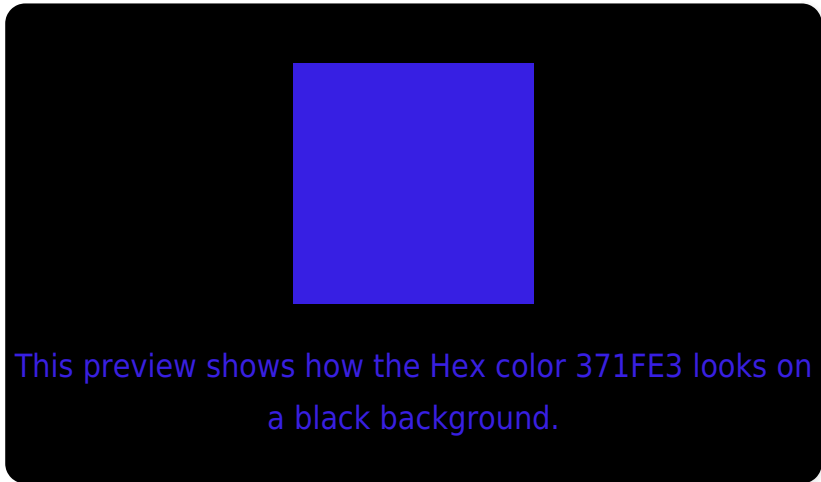
Large Text (above 18pt) WCAG AA ✓ Pass

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

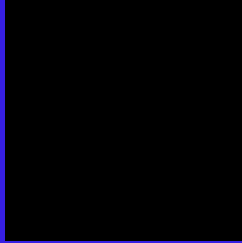
Any Text WCAG AA × Fail

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 371FE3 Background



This preview shows how black text looks on a background with the Hex color 371FE3.

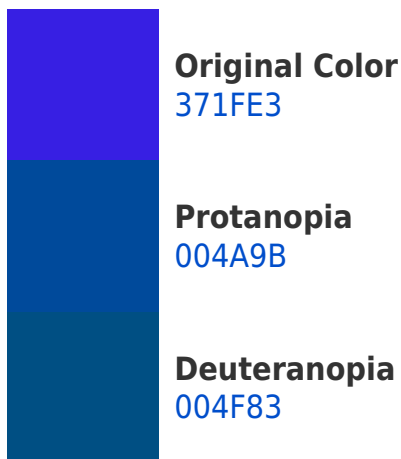


This preview shows how white text looks on a background with the Hex color 371FE3.

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
371FE3

Protanomaly
143AB5

Deuteranomaly
143EA6

Tritanomaly
14418B

Monochromacy



Original Color
371FE3

Achromatopsia
3D3D3D

Achromatomaly
3B3279

CSS Examples

Text

The CSS property to change the color of the text to Hex 371FE3 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 #371FE3 looks like.

```
.text, #text, p{  
    color:#371FE3  
}
```

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 #371FE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #371FE3
}
```

Border

The CSS property to change the border of an element to Hex 371FE3 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".

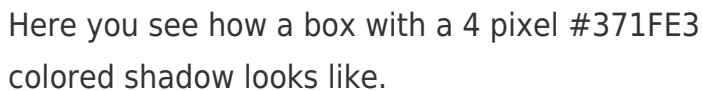
```
.border, #border, table{ border:4px solid
#371FE3 }
```

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

```
.border{ border-color:#371FE3 }
```

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

Here you see how a box with a 4 pixel #371FE3 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 #371FE3; -webkit-box-shadow:4px 4px  
4px 4px #371FE3; box-shadow:4px 4px 4px  
4px #371FE3 }
```

Background

The CSS property to change the background color of an element to Hex 371FE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#371FE3 }
```

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

```
.background{ background-color:#371FE3 }
```

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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