

Converting Colors

Hex(231FF3)

Have a look what the booklet for
Hex(231FF3) contains.

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Color

Hex(231FF3)

Conversions

Conversions Part 1

Format	Color
Hex	231FF3
RGB	35, 31, 243
RGB Percent	14%, 12%, 95%
CMY	0.8627, 0.8784, 0.0471
CMYK	0.86, 0.87, 0.00, 0.05
HSL	241°, 90%, 54%
HSV	241°, 87%, 95%
XYZ	17.3608, 7.8084, 85.3862
YIQ	56.3640, -65.6680, 66.7800

Conversions

Conversions Part 2

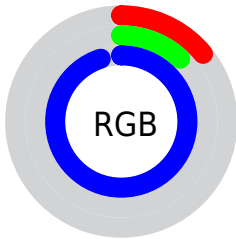
Format	Color
R _Y B	35, 31, 243
Decimal	2301939
CIE Lab	33.58, 69.98, -98.95
CIE LCh	34, 121.196, 305.270
Yxy	7.8084, 0.1570, 0.0706
Android (android.graphics.Color)	4280492019 (0xFF231FF3)
YUV	56.3640, 92.0115, -18.7362
Hunter-Lab	27.9434, 61.9980, -161.6107

Details

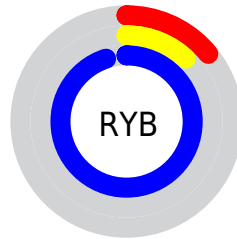
The Hex color **231FF3** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **EFF31F**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **7D55FF**, and **0000B9** is the 20% darker color. If you saturate the color by 10%, you get **0B07F3**, and if you desaturate by 10%, it is **3B37F3**.

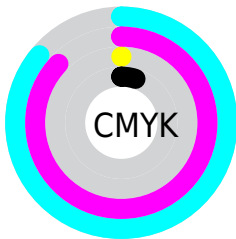
Distribution



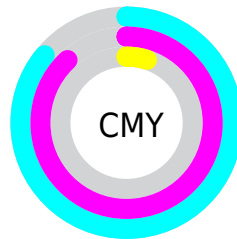
- Red (14%)
- Green (12%)
- Blue (95%)



- Red (14%)
- Yellow (12%)
- Blue (95%)



- Cyan (86%)
- Magenta (87%)
- Yellow (0%)
- Black (5%)



- Cyan (86%)
- Magenta (88%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 231FF3 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 231FF3 by changing the saturation by 10% instead.

■ 231FF3

■ 231FF3

FFFFFF

■ 0000D6

■ 7D55FF

■ 0000B9

■ 9F70FF

■ 00009D

■ C08BFF

■ 000082

■ E0A6FF

■ 001067

■ FFC2FF

■ 000A4E

■ FFDFFF

■ 000536

■ FFFCFF

■ 000220

■ 000004

■ 231FF3

■ 231FF3

■ 0B07F3

■ 3B37F3

■ 0500F3

■ 5350F3

■ 6B68F3

■ 8280F3

■ 9A98F3

■ B2B1F3

■ CAC9F3

■ E2E1F3

■ FAFAF3

Harmonies

Analogous

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



005EFF



231FF3



C300A2

Triad

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



231FF3



9D1A00



006B5F

Complementary

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



231FF3



EFF31F

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.



006800



231FF3



525200

Square

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



231FF3



D00000



006300



006EC0

Rectangle

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



231FF3



E00063



006300



006A3D

Sweetspot

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



231FF3



BEBDFE



1FEFF3



595880



000000



808080

Same Dimension

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



231FF3



0500FF



8D1FF3



6E6E7A



0400BA



01003B

Inverse Universe

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



F31FEF



FF00FA



85F31F



7A6E7A



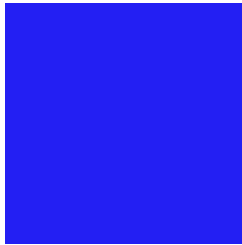
BA00B7



3B003A

Previews

White Background



This preview shows how the Hex color 231FF3 looks on a white background.

Color Contrast Check

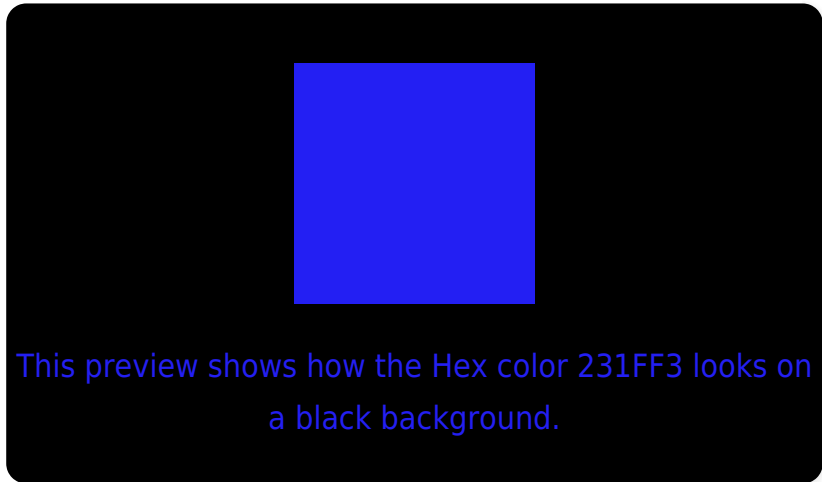
Large Text (above 18pt) WCAG AA ✓ Pass

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

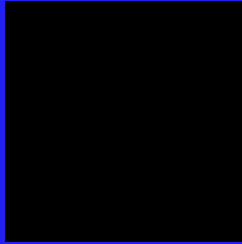
Any Text WCAG AA × Fail

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 231FF3 Background



This preview shows how black text looks on a background with the Hex color 231FF3.



This preview shows how white text looks on a background with the Hex color 231FF3.

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
00575B

Trichromacy



Original Color
231FF3

Protanomaly
0D3CBE

Deuteranomaly
0D3FAE

Tritanomaly
0D4392

Monochromacy



Original Color
231FF3

Achromatopsia
383838

Achromatomaly
302F7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 231FF3 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 #231FF3 looks like.

```
.text, #text, p{  
    color:#231FF3  
}
```

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 #231FF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #231FF3
}
```

Border

The CSS property to change the border of an element to Hex 231FF3 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
#231FF3 }
```

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

```
.border{ border-color:#231FF3 }
```

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

Here you see how a box with a 4 pixel #231FF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #231FF3; -webkit-box-shadow:4px 4px  
4px 4px #231FF3; box-shadow:4px 4px 4px  
4px #231FF3 }
```

Background

The CSS property to change the background color of an element to Hex 231FF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#231FF3 }
```

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

```
.background{ background-color:#231FF3 }
```

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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