

Converting Colors

Hex(241EFF)

Have a look what the booklet for
Hex(241EFF) contains.

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Color

Hex(241EFF)

Conversions

Conversions Part 1

Format	Color
Hex	241EFF
RGB	36, 30, 255
RGB Percent	14%, 12%, 100%
CMY	0.8588, 0.8824, 0.0000
CMYK	0.86, 0.88, 0.00, 0.00
HSL	242°, 100%, 56%
HSV	242°, 88%, 100%
XYZ	19.2418, 8.5236, 95.2388
YIQ	57.4440, -68.6490, 71.2470

Conversions

Conversions Part 2

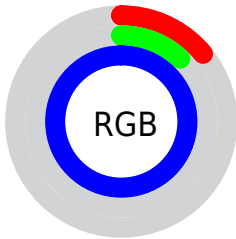
Format	Color
R _Y B	36, 30, 255
Decimal	2367231
CIE Lab	35.05, 73.54, -103.25
CIE LCh	35, 126.767, 305.461
Yxy	8.5236, 0.1564, 0.0693
Android (android.graphics.Color)	4280557311 (0xFF241EFF)
YUV	57.4440, 97.3951, -18.8064
Hunter-Lab	29.1952, 66.5531, -172.9754

Details

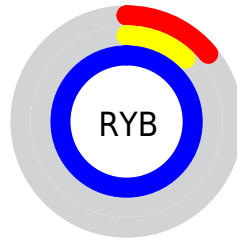
The Hex color **241EFF** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **F9FF1E**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **8056FF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **0B05FF**, and if you desaturate by 10%, it is **3D38FF**.

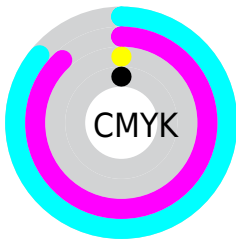
Distribution



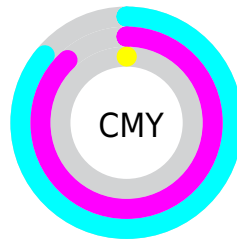
- Red (14%)
- Green (12%)
- Blue (100%)



- Red (14%)
- Yellow (12%)
- Blue (100%)



- Cyan (86%)
- Magenta (88%)
- Yellow (0%)
- Black (0%)



- Cyan (86%)
- Magenta (88%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 241EFF 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 241EFF by changing the saturation by 10% instead.

 241EFF

 241EFF

FFFFFF

 0000E1

 8056FF

 0000C4

 A371FF

 0000A8

 C48CFF

 00008C

 E5A7FF

 000E72

 FFC4FF

 000C58

 FFE0FF

 000740

FFFEFF

 000329

 000113

■ 241EFF

■ 241EFF

■ 0B05FF

■ 3D38FF

■ 0700FF

■ 5651FF

■ 6E6AFF

■ 8784FF

■ A09EFF

■ B9B7FF

■ D2D1FF

■ EBFAFF

FFFFFF

Harmonies

Analogous

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



0062FF



241EFF



CD00A9

Triad

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



241EFF



A31A00



006F64

Complementary

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



241EFF



F9FF1E

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.



006D00



241EFF



555600

Square

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



241EFF



DA0000



006700



0073CA

Rectangle

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



241EFF



EB0067



006700



006E40

Sweetspot

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



241EFF



BEBDFE



1EFBFF



595880



000000



808080

Same Dimension

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



241EFF



0700FF



921EFF



737380



0500BF



020040

Inverse Universe

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



FF1EF9



FF00F8



8BFF1E



80737F



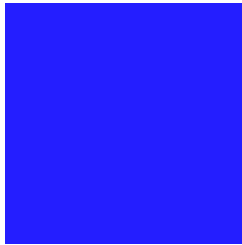
BF00BA



40003E

Previews

White Background



This preview shows how the Hex color 241EFF looks on a white background.

Color Contrast Check

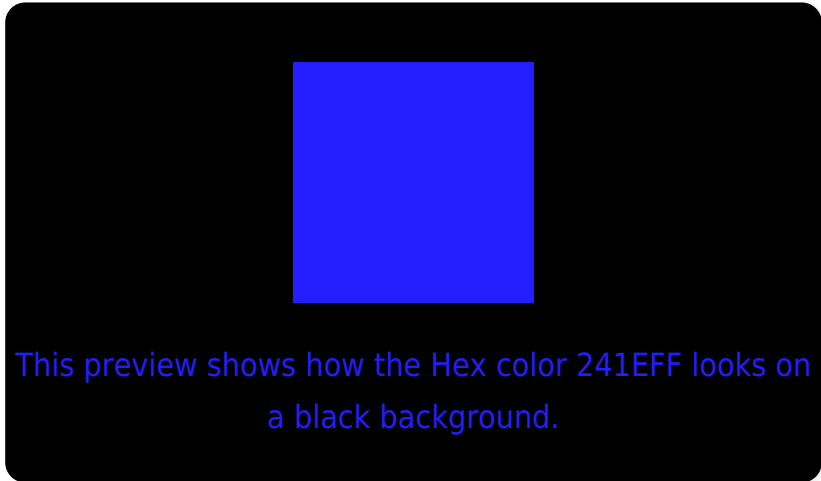
Large Text (above 18pt) WCAG AA ✓ Pass

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 241EFF Background



This preview shows how black text looks on a background with the Hex color 241EFF.

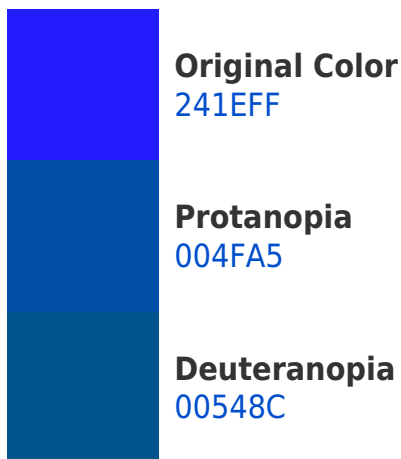


This preview shows how white text looks on a background with the Hex color 241EFF.

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
005B5F

Trichromacy



Original Color
241EFF

Protanomaly
0D3DC6

Deuteranomaly
0D40B6

Tritanomaly
0D4599

Monochromacy



Original Color
241EFF

Achromatopsia
393939

Achromatomaly
312F81

CSS Examples

Text

The CSS property to change the color of the text to Hex 241EFF 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 #241EFF looks like.

```
.text, #text, p{  
  color:#241EFF  
}
```

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 #241EFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #241EFF
}
```

Border

The CSS property to change the border of an element to Hex 241EFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

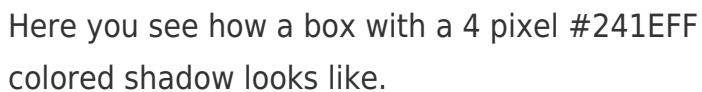
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#241EFF }
```

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

```
.border{ border-color:#241EFF }
```

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



Here you see how a box with a 4 pixel #241EFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #241EFF; -webkit-box-shadow:4px 4px  
4px 4px #241EFF; box-shadow:4px 4px 4px  
4px #241EFF }
```

Background

The CSS property to change the background color of an element to Hex 241EFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#241EFF }
```

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

```
.background{ background-color:#241EFF }
```

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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