

Converting Colors

Hex(241DFD)

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

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Color

Hex(241DFD)

Conversions

Conversions Part 1

Format	Color
Hex	241DFD
RGB	36, 29, 253
RGB Percent	14%, 11%, 99%
CMY	0.8588, 0.8863, 0.0078
CMYK	0.86, 0.89, 0.00, 0.01
HSL	242°, 98%, 55%
HSV	242°, 89%, 99%
XYZ	18.8965, 8.3456, 93.5434
YIQ	56.6290, -67.7320, 71.1480

Conversions

Conversions Part 2

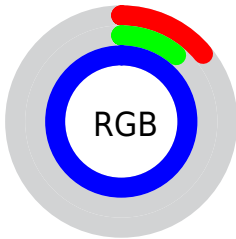
Format	Color
RYB	36, 29, 253
Decimal	2366973
CIELab	34.69, 73.32, -102.73
CIELCh	35, 126.209, 305.516
Yxy	8.3456, 0.1564, 0.0691
Android (android.graphics.Color)	4280557053 (0xFF241DFD)
YUV	56.6290, 96.8109, -18.0916
Hunter-Lab	28.8888, 66.2036, -171.7617

Details

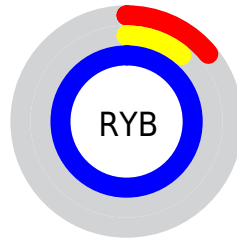
The Hex color **241DFD** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **F6FD1D**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **8055FF**, and **0000C2** is the 20% darker color. If you saturate the color by 10%, you get **0B04FD**, and if you desaturate by 10%, it is **3D36FD**.

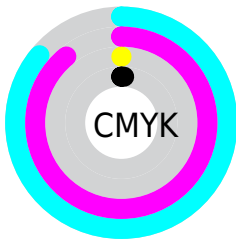
Distribution



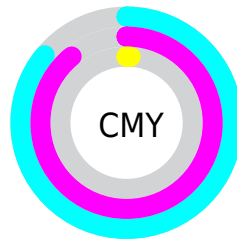
- Red (14%)
- Green (11%)
- Blue (99%)



- Red (14%)
- Yellow (11%)
- Blue (99%)



- Cyan (86%)
- Magenta (89%)
- Yellow (0%)
- Black (1%)



- Cyan (86%)
- Magenta (89%)
- Yellow (1%)

Brightness & Saturation Gradients

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

 241DFD

 241DFD

FFFFFF

 0000DF

 8055FF

 0000C2

 A270FF

 0000A6

 C48BFF

 00008B

 E5A7FF

 000F70

 FFC3FF

 000C56

 FFE0FF

 00063E

 FFFDFF

 000327

 000111

■ 241DFD

■ 241DFD

■ 0B04FD

■ 3D36FD

■ 0800FD

■ 5550FD

■ 6E69FD

■ 8682FD

■ 9F9CFD

■ B7B5FD

■ D0CEFD

■ E8E7FD

FFFFFD

Harmonies

Analogous

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



0061FF



241DFD



CB00A8

Triad

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



241DFD



A21A00



006E63

Complementary

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



241DFD



F6FD1D

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.



006C00



241DFD



545500

Square

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



241DFD



D80000



006600



0072C9

Rectangle

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



241DFD



E90066



006600



006D3F

Sweetspot

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



241DFD



BCBAFF



1DF9FD



585780



000000



808080

Same Dimension

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



241DFD



0800FF



911DFD



737380



0600BF



020040

Inverse Universe

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



FD1DF6



FF00F7



89FD1D



80737F



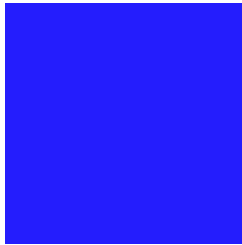
BF00B9



40003E

Previews

White Background



This preview shows how the Hex color 241DFD 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 241DFD Background



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



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

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
241DFD

Protanopia
004EA4

Deuteranopia
00538B



Tritanopia
005A5E

Trichromacy



Original Color
241DFD

Protanomaly
0D3CC4

Deuteranomaly
0D3FB4

Tritanomaly
0D4498

Monochromacy



Original Color
241DFD

Achromatopsia
393939

Achromatomaly
312F80

CSS Examples

Text

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

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

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 #241DFD colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 241DFD 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
#241DFD }
```

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

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

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

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

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

Background

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

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

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

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

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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