

Converting Colors

Hex(161DFF)

Have a look what the booklet for
Hex(161DFF) contains.

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Color

Hex(161DFF)

Conversions

Conversions Part 1

Format	Color
Hex	161DFF
RGB	22, 29, 255
RGB Percent	9%, 11%, 100%
CMY	0.9137, 0.8863, 0.0000
CMYK	0.91, 0.89, 0.00, 0.00
HSL	238°, 100%, 54%
HSV	238°, 91%, 100%
XYZ	18.8202, 8.2693, 95.2119
YIQ	52.6710, -76.7180, 68.8020

Conversions

Conversions Part 2

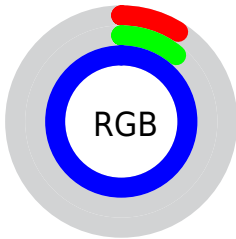
Format	Color
R _Y B	22, 29, 255
Decimal	1449471
CIE Lab	34.54, 73.59, -104.12
CIE LCh	35, 127.502, 305.254
Yxy	8.2693, 0.1539, 0.0676
Android (android.graphics.Color)	4279639551 (0xFF161DFF)
YUV	52.6710, 99.7482, -26.8985
Hunter-Lab	28.7564, 66.4995, -176.1787

Details

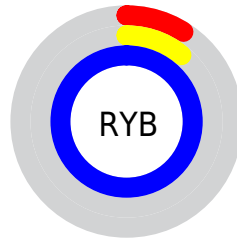
The Hex color **161DFF** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **FFF816**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **7C55FF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **0008FF**, and if you desaturate by 10%, it is **3036FF**.

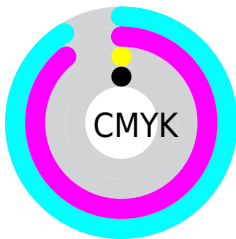
Distribution



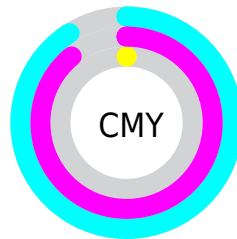
- Red (9%)
- Green (11%)
- Blue (100%)



- Red (9%)
- Yellow (11%)
- Blue (100%)



- Cyan (91%)
- Magenta (89%)
- Yellow (0%)
- Black (0%)



- Cyan (91%)
- Magenta (89%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 161DFF 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 161DFF by changing the saturation by 10% instead.

 161DFF

 161DFF

FFFFFF

 0000E1

 7C55FF

 0000C4

 9F6FFF

 0000A8

 C18BFF

 00008C

 E2A6FF

 000F72

 FFC2FF

 000C58

 FFDFFF

 000740

 FFFCFF

 000329

 000112

 161DFF

 161DFF

 0008FF

 3036FF

 494EFF

 6267FF

 7C80FF

 9599FF

 AFB1FF

 C9CAFF

 E2E3FF

 FBFCFF

Harmonies

Analogous

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



0062FF



161DFF



CB00A9

Triad

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



161DFF



A31600



006E62

Complementary

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



161DFF



FFF816

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.



006B00



161DFF



545500

Square

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



161DFF



D90000



006600



0072C9

Rectangle

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



161DFF



EA0067



006600



006D3E

Sweetspot

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



161DFF



BABCFF



16FFF7



575880



000000



808080

Same Dimension

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



161DFF



0008FF



8316FF



737380



0006BF



000240

Inverse Universe

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



FF161D



FF0008



92FF16



807373



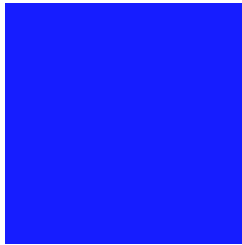
BF0006



400002

Previews

White Background



This preview shows how the Hex color 161DFF looks on a white background.

Color Contrast Check

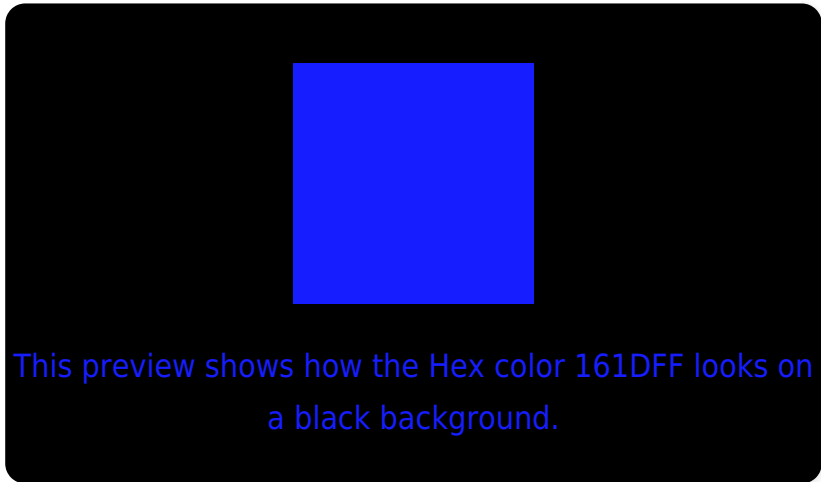
Large Text (above 18pt) WCAG AA ✓ Pass

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 161DFF Background



This preview shows how black text looks on a background with the Hex color 161DFF.



This preview shows how white text looks on a background with the Hex color 161DFF.

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
161DFF

Protanopia
004EA3

Deuteranopia
00538A



Tritanopia
00595D

Trichromacy



Original Color
161DFF

Protanomaly
083CC4

Deuteranomaly
083FB5

Tritanomaly
084398

Monochromacy



Original Color
161DFF

Achromatopsia
353535

Achromatomaly
2A2C7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 161DFF 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 #161DFF looks like.

```
.text, #text, p{  
    color:#161DFF  
}
```

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 #161DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #161DFF
}
```

Border

The CSS property to change the border of an element to Hex 161DFF 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
#161DFF }
```

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

```
.border{ border-color:#161DFF }
```

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

Here you see how a box with a 4 pixel #161DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #161DFF; -webkit-box-shadow:4px 4px  
4px 4px #161DFF; box-shadow:4px 4px 4px  
4px #161DFF }
```

Background

The CSS property to change the background color of an element to Hex 161DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#161DFF }
```

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

```
.background{ background-color:#161DFF }
```

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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