

Converting Colors

Hex(161FC0)

Have a look what the booklet for
Hex(161FC0) contains.

Hex(161FC0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(161FC0)

Conversions

Conversions Part 1

Format	Color
Hex	161FC0
RGB	22, 31, 192
RGB Percent	9%, 12%, 75%
CMY	0.9137, 0.8784, 0.2471
CMYK	0.89, 0.84, 0.00, 0.25
HSL	237°, 79%, 42%
HSV	237°, 89%, 75%
XYZ	10.3353, 4.9563, 50.2811
YIQ	46.6630, -57.0450, 48.1630

Conversions

Conversions Part 2

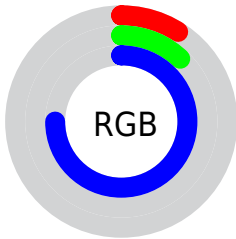
Format	Color
R _Y B	22, 31, 192
Decimal	1449920
CIE Lab	26.61, 54.99, -81.12
CIE LCh	27, 98.004, 304.131
Yxy	4.9563, 0.1576, 0.0756
Android (android.graphics.Color)	4279640000 (0xFF161FC0)
YUV	46.6630, 71.6511, -21.6295
Hunter-Lab	22.2628, 43.9071, -118.3241

Details

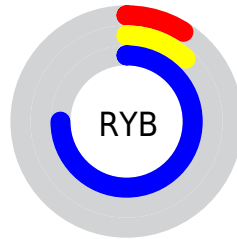
The Hex color **161FC0** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **C0B716**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **6A50FA**, and **000089** is the 20% darker color. If you saturate the color by 10%, you get **030DC0**, and if you desaturate by 10%, it is **2931C0**.

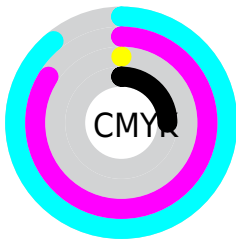
Distribution



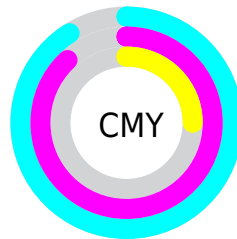
- Red (9%)
- Green (12%)
- Blue (75%)



- Red (9%)
- Yellow (12%)
- Blue (75%)



- Cyan (89%)
- Magenta (84%)
- Yellow (0%)
- Black (25%)



- Cyan (91%)
- Magenta (88%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 161FC0 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 161FC0 by changing the saturation by 10% instead.

■ 161FC0

■ 161FC0

FFFFFF

■ 0004A4

■ 6A50FA

■ 000089

■ 8A69FF

■ 00006E

■ A984FF

■ 000C55

■ C89EFF

■ 00063D

■ E7BAFF

■ 000226

■ FFD6FF

■ 00010F

■ FFF3FF

■ 000000

■ 161FC0

■ 161FC0

■ 030DC0

■ 2931C0

■ 000AC0

■ 3C43C0

■ 5056C0

■ 6368C0

■ 767AC0

■ 898CC0

■ 9C9EC0

■ B0B0C0

■ C3C3C0

Harmonies

Analogous

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



004BDC



161FC0



980082

Triad

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



161FC0



7E1500



005548

Complementary

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



161FC0



C0B716

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.



005300



161FC0



454100

Square

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



161FC0



A60000



004F00



005894

Rectangle

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



161FC0



B00051



004F00



00552E

Sweetspot

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



161FC0



B6BAFA



16C0B5



55577D



FCFCFC



7D7D7D

Same Dimension

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



161FC0



000DFA



6016C0



575861



0009A1



000221

Inverse Universe

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



C0161F



FA000D



76C016



615758



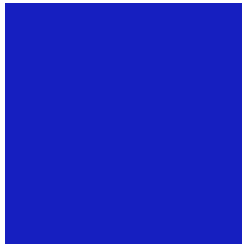
A10009



210002

Previews

White Background



This preview shows how the Hex color 161FC0 looks on a white background.

Color Contrast Check

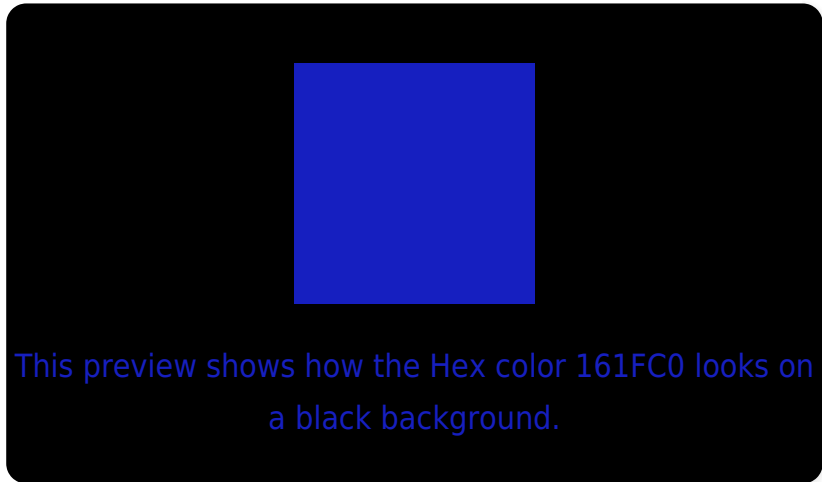
Large Text (above 18pt) WCAG AA ✓ Pass

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

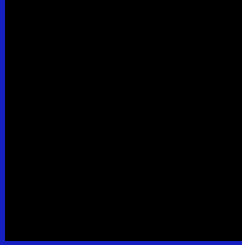
Any Text WCAG AA × Fail

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 161FC0 Background



This preview shows how black text looks on a background with the Hex color 161FC0.



This preview shows how white text looks on a background with the Hex color 161FC0.

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
161FC0

Protanopia
003D80

Deuteranopia
00416D



Tritanopia
00464A

Trichromacy



Original Color
161FC0

Protanomaly
083297

Deuteranomaly
08358B

Tritanomaly
083875

Monochromacy



Original Color
161FC0

Achromatopsia
2F2F2F

Achromatomaly
262964

CSS Examples

Text

The CSS property to change the color of the text to Hex 161FC0 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 #161FC0 looks like.

```
.text, #text, p{  
    color:#161FC0  
}
```

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 #161FC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #161FC0
}
```

Border

The CSS property to change the border of an element to Hex 161FC0 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
#161FC0 }
```

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

```
.border{ border-color:#161FC0 }
```

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

Here you see how a box with a 4 pixel #161FC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #161FC0; -webkit-box-shadow:4px 4px  
4px 4px #161FC0; box-shadow:4px 4px 4px  
4px #161FC0 }
```

Background

The CSS property to change the background color of an element to Hex 161FC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#161FC0 }
```

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

```
.background{ background-color:#161FC0 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor