

Converting Colors

Hex(121FE2)

Have a look what the booklet for
Hex(121FE2) contains.

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Color

Hex(121FE2)

Conversions

Conversions Part 1

Format	Color
Hex	121FE2
RGB	18, 31, 226
RGB Percent	7%, 12%, 89%
CMY	0.9294, 0.8784, 0.1137
CMYK	0.92, 0.86, 0.00, 0.11
HSL	236°, 85%, 48%
HSV	236°, 92%, 89%
XYZ	14.4669, 6.5996, 72.4629
YIQ	49.3430, -70.3430, 57.8890

Conversions

Conversions Part 2

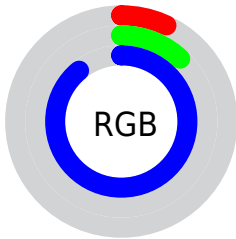
Format	Color
R_{YB}	18, 30, 226
Decimal	1187810
CIE _{Lab}	30.88, 64.90, -93.79
CIE _{LCh}	31, 114.059, 304.683
Yxy	6.5996, 0.1547, 0.0706
Android (android.graphics.Color)	4279377890 (0xFF121FE2)
YUV	49.3430, 87.0919, -27.4878
Hunter-Lab	25.6896, 55.5641, -149.2570

Details

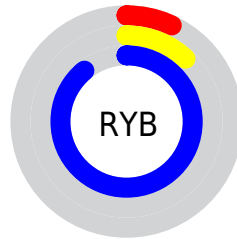
The Hex color **121FE2** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **E2D512**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **7353FF**, and **0000A9** is the 20% darker color. If you saturate the color by 10%, you get **000EE2**, and if you desaturate by 10%, it is **2934E2**.

Distribution



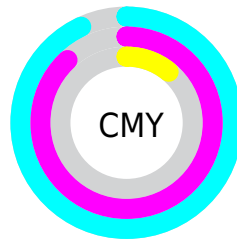
- Red (7%)
- Green (12%)
- Blue (89%)



- Red (7%)
- Yellow (12%)
- Blue (89%)



- Cyan (92%)
- Magenta (86%)
- Yellow (0%)
- Black (11%)






















- Cyan (93%)
- Magenta (88%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 121FE2 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 121FE2 by changing the saturation by 10% instead.

 121FE2	 121FE2
 FFFFFFFF	 0000C5
 7353FF	 0000A9
 956DFF	 00008D
 B588FF	 000273
 D5A3FF	 000D59
 F5BFFF	 000740
 FFDBFF	 000329
 FFF8FF	 000113
	 000000

■ 121FE2

■ 121FE2

■ 000EE2

■ 2934E2

■ 3F49E2

■ 565FE2

■ 6C74E2

■ 8389E2

■ 9A9EE2

■ B0B3E2

■ C7C9E2

■ DDDEE2

Harmonies

Analogous

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



0057FF



121FE2



B30097

Triad

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



121FE2



921500



006256

Complementary

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



121FE2



E2D512

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.



006000



121FE2



4D4B00

Square

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



121FE2



C20000



005B00



0066B0

Rectangle

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



121FE2



CF005D



005B00



006236

Sweetspot

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



121FE2



B8BCFF



12E2D4



545780



000000



808080

Same Dimension

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



121FE2



0010FF



6C12E2



656670



000BB0



000330

Inverse Universe

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



E2121F



FF0010



88E212



706566



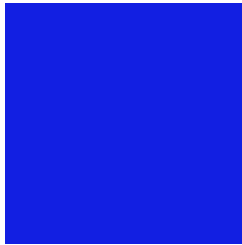
B0000B



300003

Previews

White Background



This preview shows how the Hex color 121FE2 looks on a white background.

Color Contrast Check

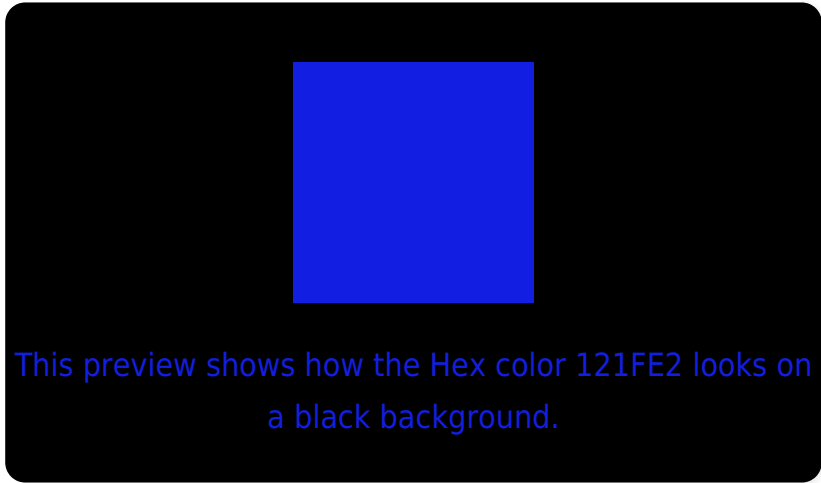
Large Text (above 18pt) WCAG AA ✓ Pass

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

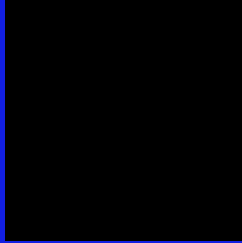
Any Text WCAG AA × Fail

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 121FE2 Background



This preview shows how black text looks on a background with the Hex color 121FE2.



This preview shows how white text looks on a background with the Hex color 121FE2.

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
121FE2

Protanopia
004693

Deuteranopia
004B7C

Trichromacy



Original Color
121FE2

Protanomaly
0738B0

Deuteranomaly
073BA1

Tritanomaly
073F88

Monochromacy



Original Color
121FE2

Achromatopsia
313131

Achromatomaly
262A71

CSS Examples

Text

The CSS property to change the color of the text to Hex 121FE2 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 #121FE2 looks like.

```
.text, #text, p{  
    color:#121FE2  
}
```

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 #121FE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #121FE2
}
```

Border

The CSS property to change the border of an element to Hex 121FE2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

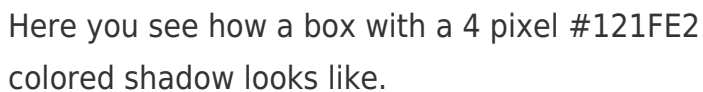
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#121FE2 }
```

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

```
.border{ border-color:#121FE2 }
```

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



Here you see how a box with a 4 pixel #121FE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #121FE2; -webkit-box-shadow:4px 4px  
4px 4px #121FE2; box-shadow:4px 4px 4px  
4px #121FE2 }
```

Background

The CSS property to change the background color of an element to Hex 121FE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#121FE2 }
```

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

```
.background{ background-color:#121FE2 }
```

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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