

Converting Colors

Hex(1C3FE7)

Have a look what the booklet for
Hex(1C3FE7) contains.

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Color

Hex(1C3FE7)

Conversions

Conversions Part 1

Format	Color
Hex	1C3FE7
RGB	28, 63, 231
RGB Percent	11%, 25%, 91%
CMY	0.8902, 0.7529, 0.0941
CMYK	0.88, 0.73, 0.00, 0.09
HSL	230°, 81%, 51%
HSV	230°, 88%, 91%
XYZ	16.6802, 9.5714, 76.5696
YIQ	71.6870, -74.7880, 44.8280

Conversions

Conversions Part 2

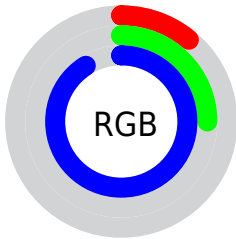
Format	Color
R_{YB}	28, 58, 231
Decimal	1851367
CIE _{Lab}	37.06, 51.22, -86.37
CIE _{LCh}	37, 100.413, 300.670
Yxy	9.5714, 0.1622, 0.0931
Android (android.graphics.Color)	4280041447 (0xFF1C3FE7)
YUV	71.6870, 78.5413, -38.3135
Hunter-Lab	30.9377, 42.0981, -125.0841




Details

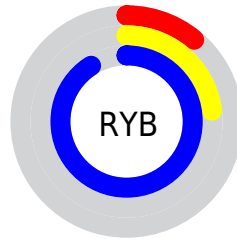
The Hex color **1C3FE7** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **E7C41C**, and the grayscale version is **474747**.




A 20% lighter version of the original color is **7470FF**, and **0013AE** is the 20% darker color. If you saturate the color by 10%, you get **052CE7**, and if you desaturate by 10%, it is **3352E7**.

Distribution







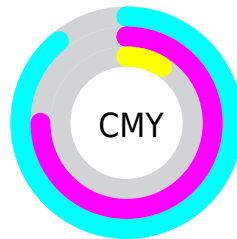
-  Red (11%)
-  Green (25%)
-  Blue (91%)






-  Red (11%)
-  Yellow (23%)
-  Blue (91%)



-  Cyan (88%)
-  Magenta (73%)
-  Yellow (0%)
-  Black (9%)



-  Cyan (89%)
-  Magenta (75%)
-  Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C3FE7 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 1C3FE7 by changing the saturation by 10% instead.

■ 1C3FE7

■ 1C3FE7

FFFFFF

■ 0028CA

■ 7470FF

■ 0013AE

■ 9689FF

■ 000392

■ B6A4FF

■ 000078

■ D6BFFF

■ 000E5E

■ F5DBFF

■ 000845

■ FFF8FF

■ 00032E

■ 000118

■ 000000

■ 1C3FE7

■ 1C3FE7

■ 052CE7

■ 3352E7

■ 0028E7

■ 4A65E7

■ 6178E7

■ 788BE7

■ 8F9FE7

■ A7B2E7

■ BEC5E7

■ D5D8E7

■ ECEBE7

Harmonies

Analogous

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



0065FF



1C3FE7



B200A9

Triad

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



1C3FE7



A62800



007257

Complementary

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



1C3FE7



E7C41C

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.



006F00



1C3FE7



6A5600

Square

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



1C3FE7



CE000A



006800



0074AA

Rectangle

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



1C3FE7



D10074



006800



00713A

Sweetspot

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



1C3FE7



BDC8FF



1CE7C2



585F80



000000



808080

Same Dimension

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



1C3FE7



002CFF



5C1CE7



676973



001FB3



000933

Inverse Universe

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



E71C3F



FF002C



A7E71C



736769



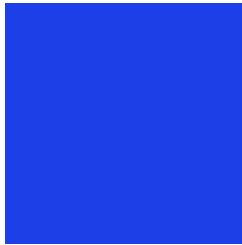
B3001F



330009

Previews

White Background



This preview shows how the Hex color 1C3FE7 looks on a white background.

Color Contrast Check

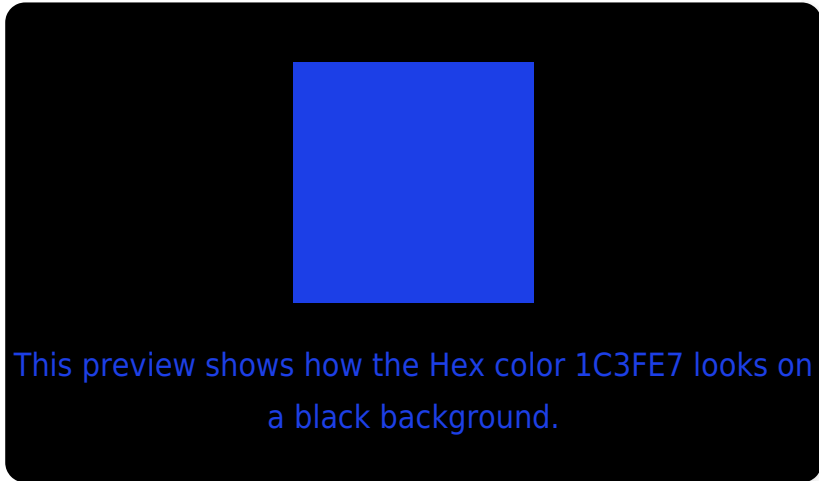
Large Text (above 18pt) WCAG AA ✓ Pass

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

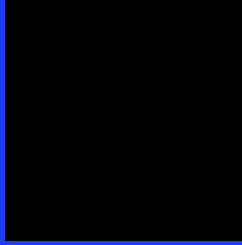
Any Text WCAG AA × Fail

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 1C3FE7 Background



This preview shows how black text looks on a background with the Hex color 1C3FE7.



This preview shows how white text looks on a background with the Hex color 1C3FE7.

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
1C3FE7

Protanopia
0053AF

Deuteranopia
005995



Trichromacy



Original Color
1C3FE7

Protanomaly
0A4CC3

Deuteranomaly
0A50B3

Tritanomaly
0A5494

Monochromacy



Original Color
1C3FE7

Achromatopsia
484848

Achromatomaly
384582

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C3FE7 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 #1C3FE7 looks like.

```
.text, #text, p{  
    color:#1C3FE7  
}
```

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 #1C3FE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C3FE7
}
```

Border

The CSS property to change the border of an element to Hex 1C3FE7 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
#1C3FE7 }
```

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

```
.border{ border-color:#1C3FE7 }
```

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

Here you see how a box with a 4 pixel #1C3FE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C3FE7; -webkit-box-shadow:4px 4px  
4px 4px #1C3FE7; box-shadow:4px 4px 4px  
4px #1C3FE7 }
```

Background

The CSS property to change the background color of an element to Hex 1C3FE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C3FE7 }
```

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

```
.background{ background-color:#1C3FE7 }
```

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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