

# Converting Colors

Hex(1C3DEE)

Have a look what the booklet for  
Hex(1C3DEE) contains.

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# Color

**Hex(1C3DEE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1C3DEE
RGB	28, 61, 238
RGB Percent	11%, 24%, 93%
CMY	0.8902, 0.7608, 0.0667
CMYK	0.88, 0.74, 0.00, 0.07
HSL	231°, 86%, 52%
HSV	231°, 88%, 93%
XYZ	17.5802, 9.7574, 81.8457
YIQ	71.3110, -76.4850, 48.0510

# Conversions

## Conversions Part 2

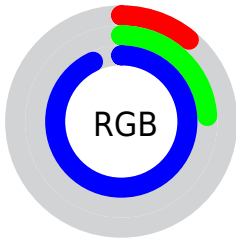
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	28, 57, 238
Decimal	1850862
CIE Lab	37.40, 54.69, -89.77
CIE LCh	37, 105.123, 301.352
Yxy	9.7574, 0.1610, 0.0894
Android (android.graphics.Color)	4280040942 (0xFF1C3DEE)
YUV	71.3110, 82.1777, -37.9837
Hunter-Lab	31.2369, 45.7962, -133.4838

# Details

The Hex color **1C3DEE** 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 **EECD1C**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **766EFF**, and **0010B4** is the 20% darker color. If you saturate the color by 10%, you get **0429EE**, and if you desaturate by 10%, it is **3451EE**.

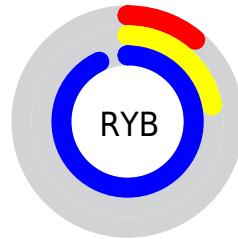
# Distribution



Red (11%)

Green (24%)

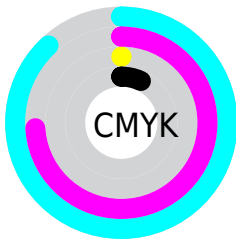
Blue (93%)



Red (11%)

Yellow (22%)

Blue (93%)

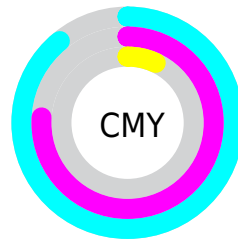


Cyan (88%)

Magenta (74%)

Yellow (0%)

Black (7%)



Cyan (89%)

Magenta (76%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C3DEE 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 1C3DEE by changing the saturation by 10% instead.



 1C3DEE

 1C3DEE

FFFFFF

 0026D1

 766EFF

 0010B4

 9888FF

 000099

 B9A3FF

 00007E

 D9BEFF

 000F63

 F9DAFF

 00094A

 FFF7FF

 000433

 00021D

 000000

■ 1C3DEE

■ 1C3DEE

■ 0429EE

■ 3451EE

■ 0025EE

■ 4C65EE

■ 6379EE

■ 7B8DEE

■ 93A1EE

■ ABB5EE

■ C3C9EE

■ DADDEE

■ F2F2EE

# Harmonies

## Analogous

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



0066FF



1C3DEE



B800AC

# Triad

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



1C3DEE



A92700



00745A

# Complementary

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



1C3DEE



EECD1C

# 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.



007100



1C3DEE



695700

# Square

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



1C3DEE



D30004



006A00



0076B0

# Rectangle

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



1C3DEE



D80075



006A00



00733C



# Sweetspot

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



1C3DEE



BDC7FF



1CEECEB



585E80



000000



808080



# Same Dimension

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



1C3DEE



0028FF



621CEE



6C6E78



001DB8



000938



# Inverse Universe

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



EE1C3D



FF0028



A8EE1C



786C6E



B8001D

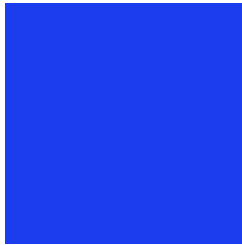


380009



# Previews

## White Background



This preview shows how the Hex color 1C3DEE looks on a white background.

## Color Contrast Check

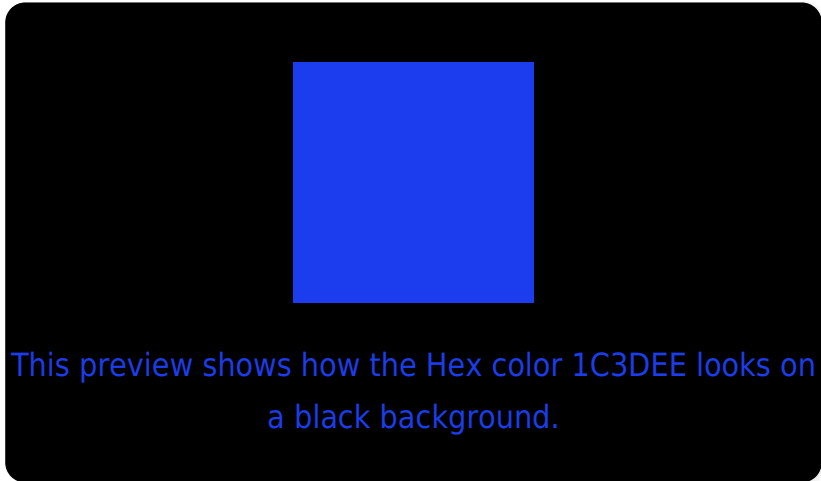
Large Text (above 18pt) WCAG AA ✓ Pass

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

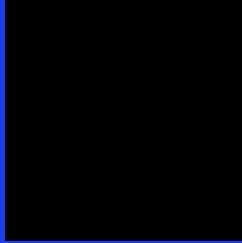
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1C3DEE Background



This preview shows how black text looks on a background with the Hex color 1C3DEE.

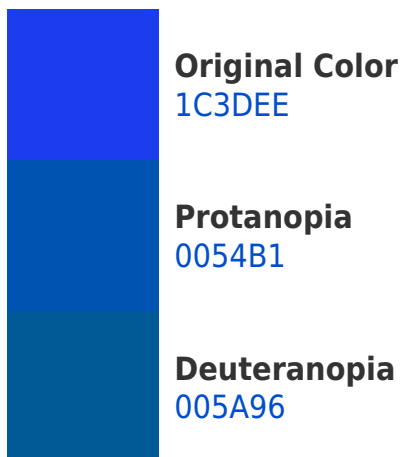


This preview shows how white text looks on a background with the Hex color 1C3DEE.

# 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





**Tritanopia**  
006166

# Trichromacy



**Original Color**  
1C3DEE

**Protanomaly**  
0A4CC7

**Deuteranomaly**  
0A4FB6

**Tritanomaly**  
0A5497

# Monochromacy



**Original Color**  
1C3DEE

**Achromatopsia**  
474747

**Achromatomaly**  
374384

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C3DEE 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 #1C3DEE looks like.

```
.text, #text, p{  
    color:#1C3DEE  
}
```

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 #1C3DEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C3DEE
}
```

## Border

The CSS property to change the border of an element to Hex 1C3DEE is called "border". The border property can be set on classes, ids or directly on the HTML element.

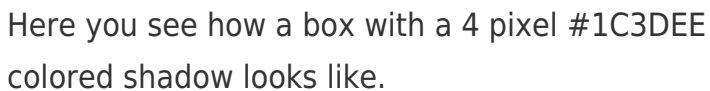
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C3DEE }
```

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

```
.border{ border-color:#1C3DEE }
```

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



Here you see how a box with a 4 pixel #1C3DEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C3DEE; -webkit-box-shadow:4px 4px  
4px 4px #1C3DEE; box-shadow:4px 4px 4px  
4px #1C3DEE }
```

# Background

The CSS property to change the background color of an element to Hex 1C3DEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C3DEE }
```

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

```
.background{ background-color:#1C3DEE }
```

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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