

# Converting Colors

Hex(1C3AFF)

Have a look what the booklet for  
Hex(1C3AFF) contains.

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# Color

Hex(1C3AFF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1C3AFF
RGB	28, 58, 255
RGB Percent	11%, 23%, 100%
CMY	0.8902, 0.7725, 0.0000
CMYK	0.89, 0.77, 0.00, 0.00
HSL	232°, 100%, 55%
HSV	232°, 89%, 100%
XYZ	20.0419, 10.4930, 95.5768
YIQ	71.4880, -81.1170, 54.9070

# Conversions

## Conversions Part 2

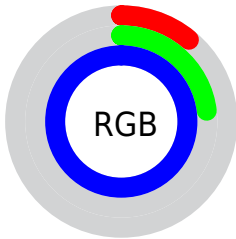
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	28, 54, 255
Decimal	1850111
CIE Lab	38.71, 61.77, -97.16
CIE LCh	39, 115.136, 302.446
Yxy	10.4930, 0.1589, 0.0832
Android (android.graphics.Color)	4280040191 (0xFF1C3AFF)
YUV	71.4880, 90.4714, -38.1390
Hunter-Lab	32.3929, 53.7530, -152.2630

# Details

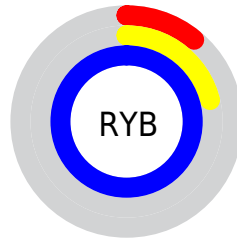
The Hex color **1C3AFF** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **FFE11C**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7B6CFF**, and **0008C5** is the 20% darker color. If you saturate the color by 10%, you get **0324FF**, and if you desaturate by 10%, it is **3650FF**.

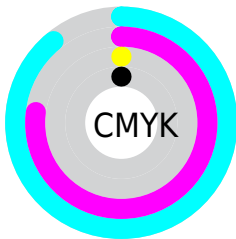
# Distribution



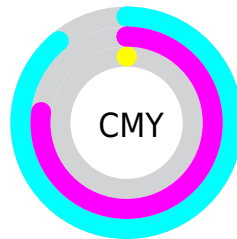
- Red (11%)
- Green (23%)
- Blue (100%)



- Red (11%)
- Yellow (21%)
- Blue (100%)



- Cyan (89%)
- Magenta (77%)
- Yellow (0%)
- Black (0%)



- Cyan (89%)
- Magenta (77%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C3AFF 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 1C3AFF by changing the saturation by 10% instead.



 1C3AFF

 1C3AFF

FFFFFF

 0022E1

 7B6CFF

 0008C5

 9E86FF

 0000A8

 BFA1FF

 00008D

 E0BCFF

 000B72

 FFD9FF

 000D58

 FFF5FF

 000740

 000329

 000113

■ 1C3AFF

■ 1C3AFF

■ 0324FF

■ 3650FF

■ 0022FF

■ 4F66FF

■ 697CFF

■ 8293FF

■ 9CA9FF

■ B5BFFF

■ CFD5FF

■ E8EBFF

FFFFFF

# Harmonies

## Analogous

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



006BFF



1C3AFF



C700B4

# Triad

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



1C3AFF



B02500



007861

# Complementary

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



1C3AFF



FFE11C

# 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.



007600



1C3AFF



695C00

# Square

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



1C3AFF



E00000



006F00



007BC0

# Rectangle

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



1C3AFF



E80077



006F00



007840



# Sweetspot

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



1C3AFF



BAC3FF



1CFFE1



575C80



000000



808080



# Same Dimension

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



1C3AFF



0022FF



6F1CFF



737480



0019BF



000840



# Inverse Universe

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



FF1C3A



FF0022



ACFF1C



807374



BF0019

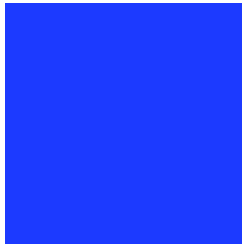


400008



# Previews

## White Background



This preview shows how the Hex color 1C3AFF looks on a white background.

## Color Contrast Check

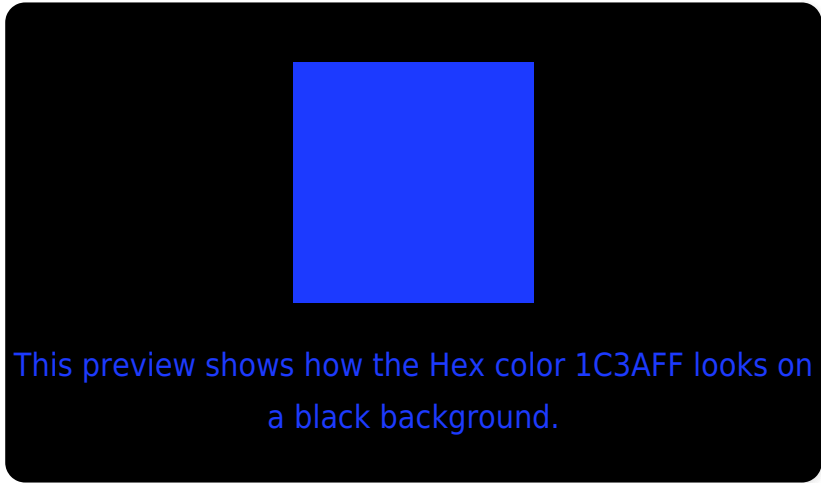
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

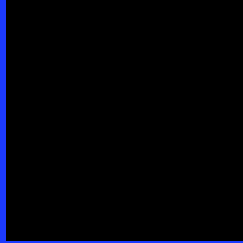
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1C3AFF Background



This preview shows how black text looks on a background with the Hex color 1C3AFF.



This preview shows how white text looks on a background with the Hex color 1C3AFF.

# 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**  
1C3AFF

**Protanopia**  
0057B7

**Deuteranopia**  
005D9B



**Tritanopia**  
006469

# Trichromacy



**Original Color**  
1C3AFF

**Protanomaly**  
0A4CD1

**Deuteranomaly**  
0A50BF

**Tritanomaly**  
0A55A0

# Monochromacy



**Original Color**  
1C3AFF

**Achromatopsia**  
474747

**Achromatomaly**  
37428A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C3AFF 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 #1C3AFF looks like.

```
.text, #text, p{  
    color:#1C3AFF  
}
```

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 #1C3AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C3AFF
}
```

## Border

The CSS property to change the border of an element to Hex 1C3AFF 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
#1C3AFF }
```

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

```
.border{ border-color:#1C3AFF }
```

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

Here you see how a box with a 4 pixel #1C3AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C3AFF; -webkit-box-shadow:4px 4px  
4px 4px #1C3AFF; box-shadow:4px 4px 4px  
4px #1C3AFF }
```

# Background

The CSS property to change the background color of an element to Hex 1C3AFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C3AFF }
```

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

```
.background{ background-color:#1C3AFF }
```

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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