

# Converting Colors

Hex(4C1BFF)

Have a look what the booklet for  
Hex(4C1BFF) contains.

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# Color

Hex(4C1BFF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C1BFF
RGB	76, 27, 255
RGB Percent	30%, 11%, 100%
CMY	0.7020, 0.8941, 0.0000
CMYK	0.70, 0.89, 0.00, 0.00
HSL	253°, 100%, 55%
HSV	253°, 89%, 100%
XYZ	21.4224, 9.5404, 95.3201
YIQ	67.6430, -43.9840, 81.2960

# Conversions

## Conversions Part 2

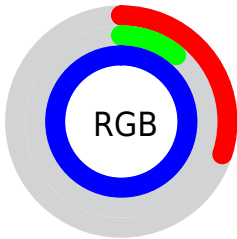
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	76, 27, 255
Decimal	4987903
CIE Lab	37.00, 75.82, -99.94
CIE LCh	37, 125.442, 307.185
Yxy	9.5404, 0.1696, 0.0755
Android (android.graphics.Color)	4283177983 (0xFF4C1BFF)
YUV	67.6430, 92.3670, 7.3291
Hunter-Lab	30.8875, 69.7480, -161.3503

# Details

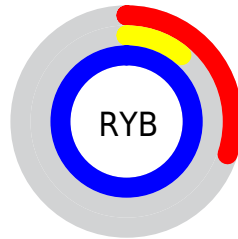
The Hex color **4C1BFF** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed blue. A complement of this color would be **CEFF1B**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **9556FF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **3801FF**, and if you desaturate by 10%, it is **6034FF**.

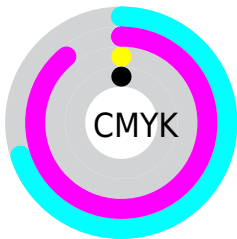
# Distribution



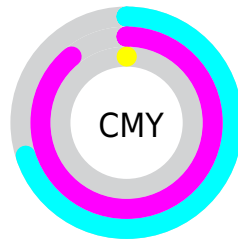
- Red (30%)
- Green (11%)
- Blue (100%)



- Red (30%)
- Yellow (11%)
- Blue (100%)



- Cyan (70%)
- Magenta (89%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (89%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C1BFF 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 4C1BFF by changing the saturation by 10% instead.



 4C1BFF

 4C1BFF

FFFFFF

 0900E1

 9556FF

 0000C4

 B772FF

 0000A8

 D78DFF

 00008D

 F7AAFF

 000672

 FFC6FF

 000C58

 FFE3FF

 000740

 000329

 000113

 4C1BFF

 4C1BFF

 3801FF

 6034FF

 3700FF

 744EFF

 8867FF

 9C81FF

 B09AFF

 C4B4FF

 D8CDFF

 ECE7FF

FFFFFF

# Harmonies

## Analogous

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



0064FF



4C1BFF



D600A8

# Triad

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



4C1BFF



A52900



00756F

# Complementary

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



4C1BFF



CEFF1B

# 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.



007200



4C1BFF



555C00

# Square

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



4C1BFF



DD0000



006D00



0079D3

# Rectangle

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



4C1BFF



F10066



006D00



00744B



# Sweetspot

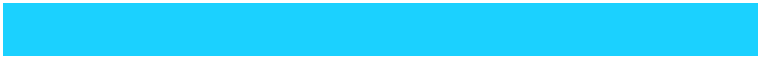
The Sweet Spot groups the original color and five complimentary colors.



4C1BFF



C9BAFF



1BD1FF



5F5780



000000



808080



# Same Dimension

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



4C1BFF



3700FF



BB1BFF



757380



2900BF



0E0040



# Inverse Universe

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



FF1BCE



FF00C8



5FFF1B



80737D



BF0096

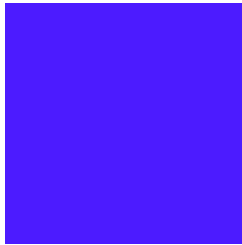


400032



# Previews

## White Background



This preview shows how the Hex color 4C1BFF looks on a white background.

## Color Contrast Check

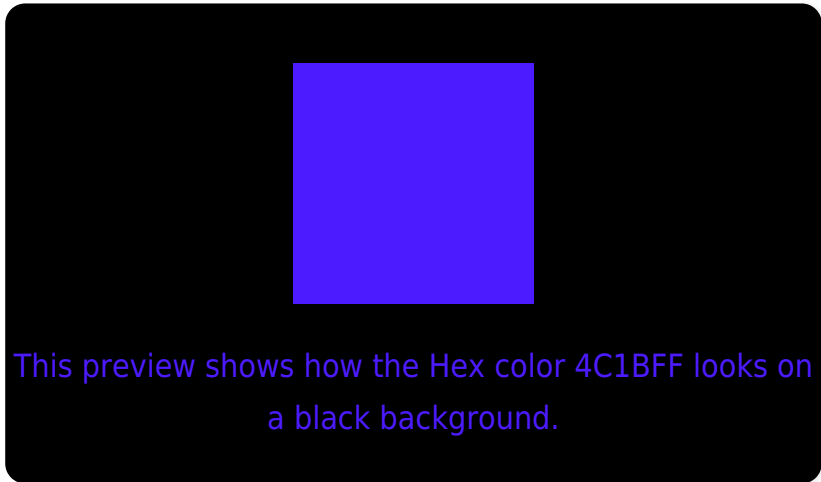
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C1BFF Background



This preview shows how black text looks on a background with the Hex color 4C1BFF.



This preview shows how white text looks on a background with the Hex color 4C1BFF.

# 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**  
4C1BFF

**Protanopia**  
0054AF

**Deuteranopia**  
005995



# Trichromacy



**Original Color**  
4C1BFF

**Protanomaly**  
1C3FCC

**Deuteranomaly**  
1C42BC

**Tritanomaly**  
1C479E

# Monochromacy



**Original Color**  
4C1BFF

**Achromatopsia**  
444444

**Achromatomaly**  
473588

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C1BFF 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 #4C1BFF looks like.

```
.text, #text, p{  
    color:#4C1BFF  
}
```

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 #4C1BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C1BFF
}
```

## Border

The CSS property to change the border of an element to Hex 4C1BFF 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
#4C1BFF }
```

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

```
.border{ border-color:#4C1BFF }
```

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

Here you see how a box with a 4 pixel #4C1BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C1BFF; -webkit-box-shadow:4px 4px  
4px 4px #4C1BFF; box-shadow:4px 4px 4px  
4px #4C1BFF }
```

# Background

The CSS property to change the background color of an element to Hex 4C1BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C1BFF }
```

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

```
.background{ background-color:#4C1BFF }
```

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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