

Converting Colors

Hex(B01FF4)

Have a look what the booklet for
Hex(B01FF4) contains.

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Color

Hex(B01FF4)

Conversions

Conversions Part 1	
Format	Color
Hex	B01FF4
RGB	176, 31, 244
RGB Percent	69%, 12%, 96%
CMY	0.3098, 0.8784, 0.0431
CMYK	0.28, 0.87, 0.00, 0.04
HSL	281°, 91%, 54%
HSV	281°, 87%, 96%
XYZ	34.7236, 16.7417, 86.9893
YIQ	98.6370, 18.0470, 96.9830

Conversions

Conversions Part 2

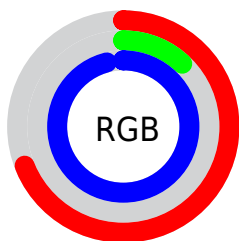
Format	Color
RYB	176, 31, 244
Decimal	11542516
CIELab	47.93, 81.86, -75.35
CIELCh	48, 111.263, 317.372
Yxy	16.7417, 0.2508, 0.1209
Android (android.graphics.Color)	4289732596 (0xFFB01FF4)
YUV	98.6370, 71.6640, 67.8474
Hunter-Lab	40.9167, 79.8785, -97.4095

Details

The Hex color **B01FF4** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed purple. A complement of this color would be **63F41F**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **ED64FF**, and **7400BA** is the 20% darker color. If you saturate the color by 10%, you get **A807F4**, and if you desaturate by 10%, it is **B837F4**.

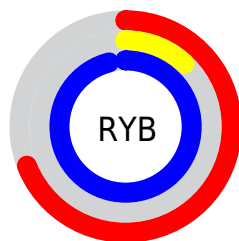
Distribution



Red (69%)

Green (12%)

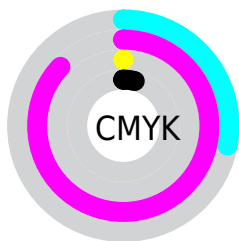
Blue (96%)



Red (69%)

Yellow (12%)

Blue (96%)

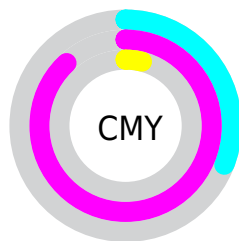


Cyan (28%)

Magenta (87%)

Yellow (0%)

Black (4%)



Cyan (31%)

Magenta (88%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color B01FF4 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 B01FF4 by changing the saturation by 10% instead.

 B01FF4

FFFFFF

 ED64FF

 FF82FF

 FF9FFF

 FFBCFF

 FFDAFF

 FFF8FF

 B01FF4

 9200D7

 7400BA

 55009F

 340084

 0C0069

 000050

 000538

 000221

 000007

 B01FF4

 B01FF4

 A807F4

 B837F4

 A600F4

 C050F4

 C768F4

 CF81F4

 D799F4

 DFB1F4

 E7CAF4

 EEE2F4

 F6FBF4

Harmonies

Analogous

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



006DFF



B01FF4



FC009E

Triad

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



B01FF4



AB5F00



0094A8

Complementary

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



B01FF4



63F41F

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.



009145



B01FF4



567E00

Square

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



B01FF4



E80000



008C00



0094FE

Rectangle

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



B01FF4



FF0060



008C00



009388

Sweetspot

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



B01FF4



EABDFF



1F66F4



735880



000000



808080

Same Dimension

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



B01FF4



AE00FF



F41FD0



766E7A



7F00BA



28003B

Inverse Universe

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



F41F63



FF0051



1FF442



7A6E72



BA003B



3B0013

Previews

White Background



This preview shows how the Hex color B01FF4 looks on a white background.

Color Contrast Check

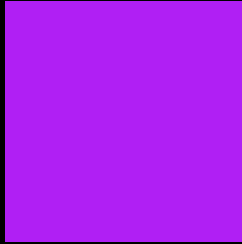
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B01FF4 looks on a 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 B01FF4 Background



This preview shows how black text looks on a background with the Hex color B01FF4.



This preview shows how white text looks on a background with the Hex color B01FF4.

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
B01FF4





Protanopia
006EE8

Deuteranopia
0075CA






Tritanopia
99626A

Trichromacy

	Original Color B01FF4
	Protanomaly 4051EC
	Deuteranomaly 4056D9
	Tritanomaly A14A9C

Monochromacy

	Original Color B01FF4
	Achromatopsia 636363
	Achromatomaly 7F4A98

CSS Examples

Text

The CSS property to change the color of the text to Hex B01FF4 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 #B01FF4 looks like.

```
.text, #text, p{  
    color:#B01FF4  
}
```

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 #B01FF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B01FF4
}
```

Border

The CSS property to change the border of an element to Hex B01FF4 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
#B01FF4 }
```

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

```
.border{ border-color:#B01FF4 }
```

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

Here you see how a box with a 4 pixel #B01FF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B01FF4; -webkit-box-shadow:4px 4px  
4px 4px #B01FF4; box-shadow:4px 4px 4px  
4px #B01FF4 }
```

Background

The CSS property to change the background color of an element to Hex B01FF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B01FF4 }
```

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

```
.background{ background-color:#B01FF4 }
```

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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