

Converting Colors

Hex(B100FF)

Have a look what the booklet for
Hex(B100FF) contains.

Hex(B100FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(B100FF)

Conversions

Conversions Part 1

Format	Color
Hex	B100FF
RGB	177, 0, 255
RGB Percent	69%, 0%, 100%
CMY	0.3059, 1.0000, 0.0000
CMYK	0.31, 1.00, 0.00, 0.00
HSL	282°, 100%, 50%
HSV	282°, 100%, 100%
XYZ	36.1815, 16.5671, 95.8985
YIQ	81.9930, 23.6370, 116.8290

Conversions

Conversions Part 2

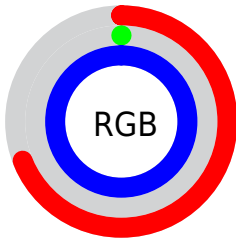
Format	Color
R_{YB}	177, 0, 255
Decimal	11600127
CIE _{Lab}	47.71, 87.76, -81.87
CIE _{LCh}	48, 120.015, 316.989
Yxy	16.5671, 0.2434, 0.1115
Android (android.graphics.Color)	4289790207 (0xFFB100FF)
YUV	81.9930, 85.2925, 83.3211
Hunter-Lab	40.7027, 87.4425, -111.1996

Details

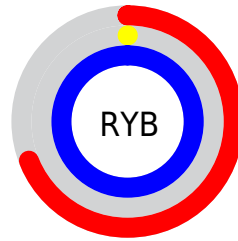
The Hex color **B100FF** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle saturated purple. A complement of this color would be **4EFF00**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **EF5BFF**, and **7300C5** is the 20% darker color. If you saturate the color by 10%, you get **B100FF**, and if you desaturate by 10%, it is **B919FF**.

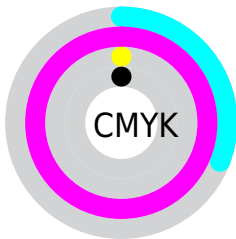
Distribution



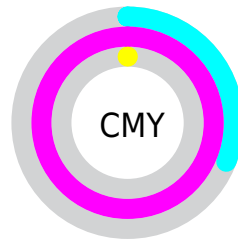
- Red (69%)
- Green (0%)
- Blue (100%)



- Red (69%)
- Yellow (0%)
- Blue (100%)



- Cyan (31%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B100FF 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 B100FF by changing the saturation by 10% instead.

 B100FF

 B100FF

FFFFFF

 9200E2

 EF5BFF

 7300C5

 FF7AFF

 5400A9

 FF98FF

 31008D

 FFB6FF

 000073

 FFD4FF

 000059

 FFF2FF

 000740

 000329

 000113

 B100FF

 B919FF

 C133FF

 C84DFF

 D066FF

 D880FF

 E099FF

 E8B3FF

 EFCCFF

 F7E6FF

Harmonies

Analogous

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



006EFF



B100FF



FF00A2

Triad

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



B100FF



AE5D00



0094AB

Complementary

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



B100FF



4EFF00

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.



00913F



B100FF



527E00

Square

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



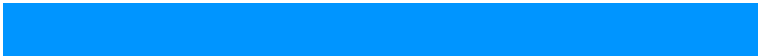
B100FF



EF0000



008C00



0095FF

Rectangle

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



B100FF



FF0060



008C00



009488

Sweetspot

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



B100FF



E8B3FF



0051FF



715280



000000



808080

Same Dimension

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



B100FF



FF00D0



7C7380



8500BF



2C0040

Inverse Universe

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



FF004E



00FF2F



807377



BF003A



400013

Previews

White Background



This preview shows how the Hex color B100FF looks on a white background.

Color Contrast Check

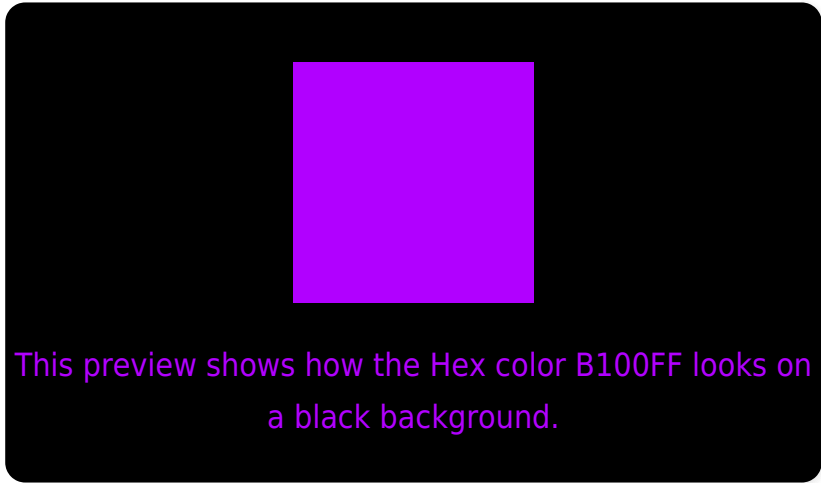
Large Text (above 18pt) WCAG AA ✓ Pass

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

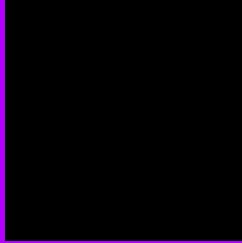
Any Text WCAG AA × Fail

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 B100FF Background



This preview shows how black text looks on a background with the Hex color B100FF.

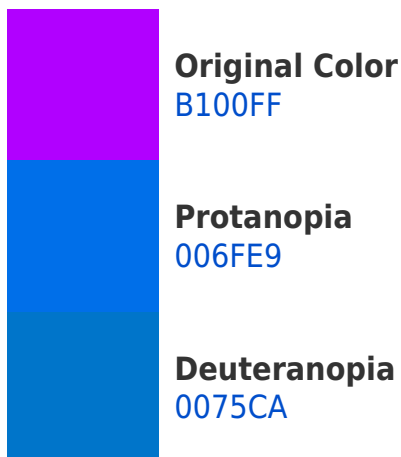


This preview shows how white text looks on a background with the Hex color B100FF.

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
98646B

Trichromacy



Original Color
B100FF



Protanomaly
4047F1



Deuteranomaly
404ADD



Tritanomaly
A140A1

Monochromacy



Original Color
B100FF



Achromatopsia
525252



Achromatomaly
753491

CSS Examples

Text

The CSS property to change the color of the text to Hex B100FF 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 #B100FF looks like.

```
.text, #text, p{  
    color:#B100FF  
}
```

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 #B100FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B100FF
}
```

Border

The CSS property to change the border of an element to Hex B100FF 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
#B100FF }
```

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

```
.border{ border-color:#B100FF }
```

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

Here you see how a box with a 4 pixel #B100FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B100FF; -webkit-box-shadow:4px 4px  
4px 4px #B100FF; box-shadow:4px 4px 4px  
4px #B100FF }
```

Background

The CSS property to change the background color of an element to Hex B100FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B100FF }
```

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

```
.background{ background-color:#B100FF }
```

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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