

Converting Colors

Hex(B13BFF)

Have a look what the booklet for
Hex(B13BFF) contains.

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Color

Hex(B13BFF)

Conversions

Conversions Part 1

Format	Color
Hex	B13BFF
RGB	177, 59, 255
RGB Percent	69%, 23%, 100%
CMY	0.3059, 0.7686, 0.0000
CMYK	0.31, 0.77, 0.00, 0.00
HSL	276°, 100%, 62%
HSV	276°, 77%, 100%
XYZ	37.7454, 19.6950, 96.4199
YIQ	116.6260, 7.4120, 85.9720

Conversions

Conversions Part 2

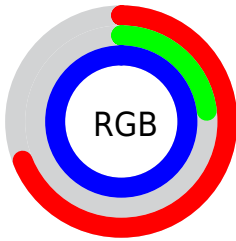
Format	Color
RYB	177, 59, 255
Decimal	11615231
CIELab	51.49, 76.61, -75.69
CIELCh	51, 107.698, 315.344
Yxy	19.6950, 0.2453, 0.1280
Android (android.graphics.Color)	4289805311 (0xFFB13BFF)
YUV	116.6260, 68.2184, 52.9480
Hunter-Lab	44.3791, 74.1549, -97.7505

Details

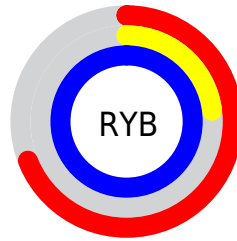
The Hex color **B13BFF** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **89FF3B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **EE76FF**, and **7500C5** is the 20% darker color. If you saturate the color by 10%, you get **A721FF**, and if you desaturate by 10%, it is **BB55FF**.

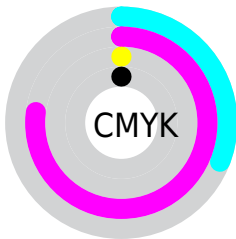
Distribution



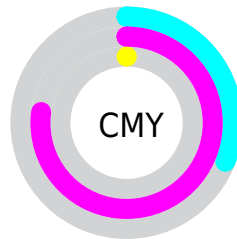
- Red (69%)
- Green (23%)
- Blue (100%)



- Red (69%)
- Yellow (23%)
- Blue (100%)



- Cyan (31%)
- Magenta (77%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (77%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B13BFF 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 B13BFF by changing the saturation by 10% instead.

 B13BFF

 B13BFF

FFFFFF

 9314E2

 EE76FF

 7500C5

 FF93FF

 5600A9

 FFB0FF

 35008E

 FFCDFD

 0C0073

 FFE8FF

 000059

 000741

 00032A

 000114

 B13BFF

 B13BFF

 A721FF

 BB55FF

 9D08FF

 C56EFF

 9A00FF

 CF88FF

 DAA1FF

 E4BBFF

 EED4FF

 F8EEFF

FFFFFF

Harmonies

Analogous

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



0079FF



B13BFF



FF00AC

Triad

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



B13BFF



BA6600



009DAA

Complementary

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



B13BFF



89FF3B

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.



009B48



B13BFF



698500

Square

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



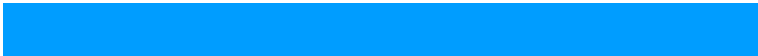
B13BFF



F41400



009400



009DFF

Rectangle

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



B13BFF



FF006F



009400



009D8A

Sweetspot

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



B13BFF



E8C4FF



3B89FF



715C80



000000



808080

Same Dimension

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



B13BFF



A214FF



FF3BEB



7A7380



7300BF



260040

Inverse Universe

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



FF3B89



FF1472



3BFF4F



807378



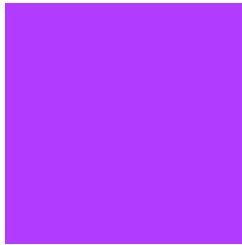
BF004C



400019

Previews

White Background



This preview shows how the Hex color B13BFF looks on a white background.

Color Contrast Check

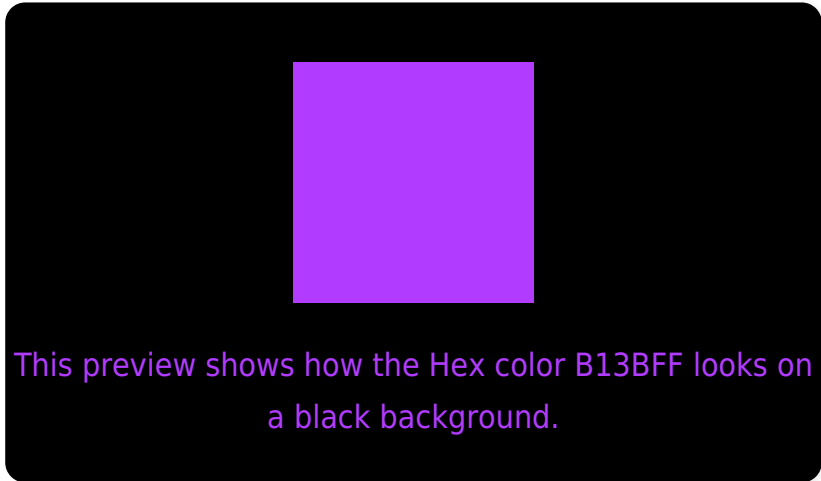
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

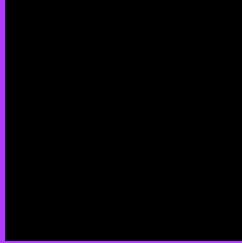
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex B13BFF Background



This preview shows how black text looks on a background with the Hex color B13BFF.



This preview shows how white text looks on a background with the Hex color B13BFF.

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](#).

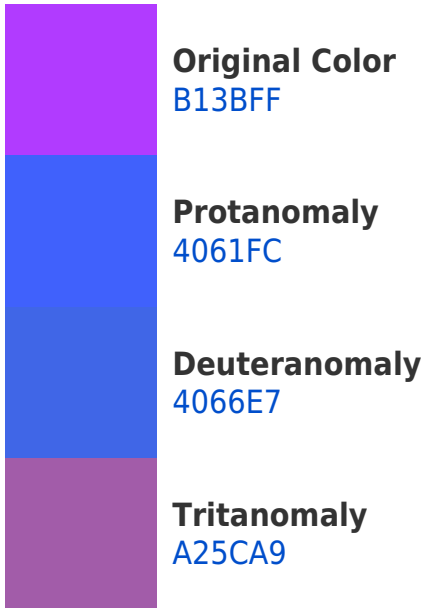
Dichromacy



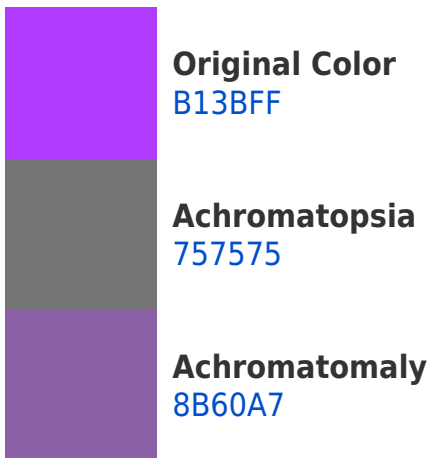


Tritanopia
996F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B13BFF 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 #B13BFF looks like.

```
.text, #text, p{  
    color:#B13BFF  
}
```

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 #B13BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B13BFF
}
```

Border

The CSS property to change the border of an element to Hex B13BFF 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
#B13BFF }
```

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

```
.border{ border-color:#B13BFF }
```

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

Here you see how a box with a 4 pixel #B13BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B13BFF; -webkit-box-shadow:4px 4px  
4px 4px #B13BFF; box-shadow:4px 4px 4px  
4px #B13BFF }
```

Background

The CSS property to change the background color of an element to Hex B13BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B13BFF }
```

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

```
.background{ background-color:#B13BFF }
```

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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