

Converting Colors

Hex(B33AFF)

Have a look what the booklet for
Hex(B33AFF) contains.

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Color

Hex(B33AFF)

Conversions

Conversions Part 1

Format	Color
Hex	B33AFF
RGB	179, 58, 255
RGB Percent	70%, 23%, 100%
CMY	0.2980, 0.7725, 0.0000
CMYK	0.30, 0.77, 0.00, 0.00
HSL	277°, 100%, 61%
HSV	277°, 77%, 100%
XYZ	38.1535, 19.8298, 96.4244
YIQ	116.6370, 8.8790, 86.9190

Conversions

Conversions Part 2

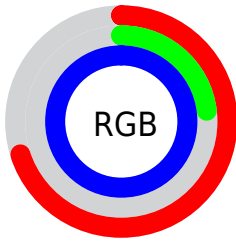
Format	Color
R _Y B	179, 58, 255
Decimal	11746047
CIE Lab	51.64, 77.27, -75.43
CIE LCh	52, 107.983, 315.688
Yxy	19.8298, 0.2471, 0.1284
Android (android.graphics.Color)	4289936127 (0xFFB33AFF)
YUV	116.6370, 68.2130, 54.6924
Hunter-Lab	44.5307, 75.0084, -97.2119

Details

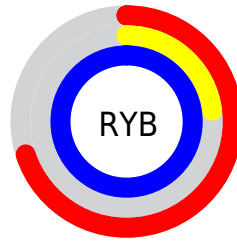
The Hex color **B33AFF** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed purple. A complement of this color would be **86FF3A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **F076FF**, and **7700C5** is the 20% darker color. If you saturate the color by 10%, you get **A920FF**, and if you desaturate by 10%, it is **BD53FF**.

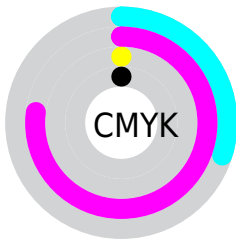
Distribution



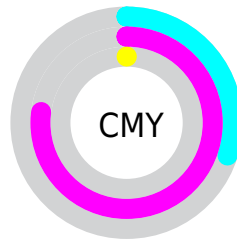
- Red (70%)
- Green (23%)
- Blue (100%)



- Red (70%)
- Yellow (23%)
- Blue (100%)



- Cyan (30%)
- Magenta (77%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (77%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B33AFF 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 B33AFF by changing the saturation by 10% instead.

 B33AFF

 B33AFF

FFFFFF

 9511E2

 F076FF

 7700C5

 FF93FF

 5800A9

 FFAFFF

 38008E

 FFCDFD

 110073

 FFEAFF

 000059

 000741

 00032A

 000114

 B33AFF

 B33AFF

 A920FF

 BD53FF

 9F07FF

 C76DFF

 9D00FF

 D186FF

 DAA0FF

 E4B9FF

 EED3FF

 F8ECFF

FFFFFF

Harmonies

Analogous

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



0078FF



B33AFF



FF00AB

Triad

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



B33AFF



BA6700



009EAB

Complementary

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



B33AFF



86FF3A

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.



009B49



B33AFF



698600

Square

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



B33AFF



F51600



009500



009DFF

Rectangle

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



B33AFF



FF006E



009500



009D8B

Sweetspot

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



B33AFF



E8C4FF



3A89FF



725C80



000000



808080

Same Dimension

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



B33AFF



A412FF



FF3AEB



7B7380



7500BF



270040

Inverse Universe

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



FF3A86



FF126D



3AFF4E



807378



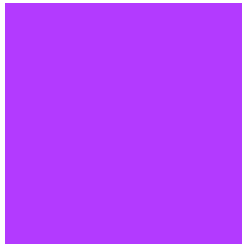
BF004A



400019

Previews

White Background



This preview shows how the Hex color B33AFF 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

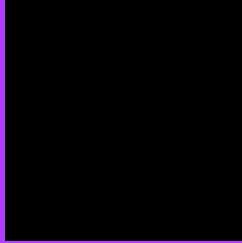
Any Text WCAG AA ✓ Pass

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 B33AFF Background



This preview shows how black text looks on a background with the Hex color B33AFF.

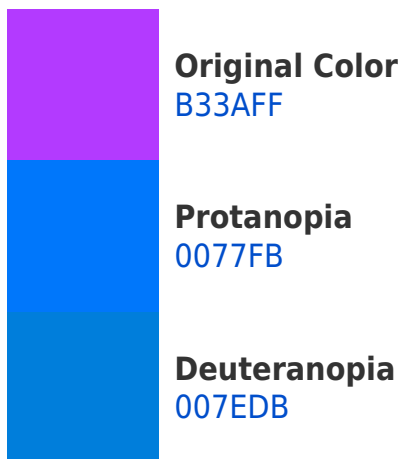


This preview shows how white text looks on a background with the Hex color B33AFF.

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](#).

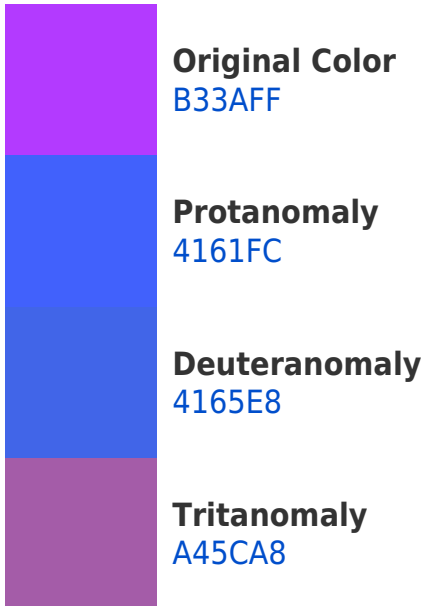
Dichromacy





Tritanopia
9B6F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B33AFF 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 #B33AFF looks like.

```
.text, #text, p{  
    color:#B33AFF  
}
```

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 #B33AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B33AFF
}
```

Border

The CSS property to change the border of an element to Hex B33AFF 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".

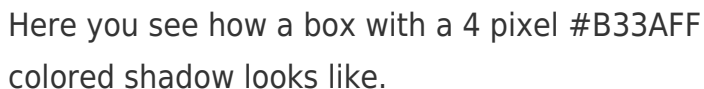
```
.border, #border, table{ border:4px solid
#B33AFF }
```

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

```
.border{ border-color:#B33AFF }
```

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

Here you see how a box with a 4 pixel #B33AFF colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B33AFF; -webkit-box-shadow:4px 4px  
4px 4px #B33AFF; box-shadow:4px 4px 4px  
4px #B33AFF }
```

Background

The CSS property to change the background color of an element to Hex B33AFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B33AFF }
```

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

```
.background{ background-color:#B33AFF }
```

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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