

Converting Colors

Hex(B16DFF)

Have a look what the booklet for
Hex(B16DFF) contains.

Hex(B16DFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(**B16DFF**)

Conversions

Conversions Part 1

Format	Color
Hex	B16DFF
RGB	177, 109, 255
RGB Percent	69%, 43%, 100%
CMY	0.3059, 0.5725, 0.0000
CMYK	0.31, 0.57, 0.00, 0.00
HSL	268°, 100%, 71%
HSV	268°, 57%, 100%
XYZ	41.6501, 27.5044, 97.7214
YIQ	145.9760, -6.3380, 59.8220

Conversions

Conversions Part 2

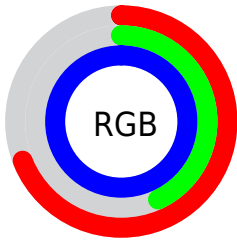
Format	Color
R_{YB}	177, 109, 255
Decimal	11628031
CIE _{Lab}	59.44, 54.61, -62.85
CIE _{LCh}	59, 83.264, 310.987
Yxy	27.5044, 0.2496, 0.1648
Android (android.graphics.Color)	4289818111 (0xFFB16DFF)
YUV	145.9760, 53.7488, 27.2080
Hunter-Lab	52.4446, 49.9818, -73.7653

Details

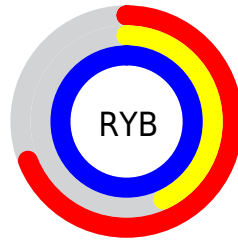
The Hex color **B16DFF** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **BBFF6D**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **ECA3FF**, and **7739C5** is the 20% darker color. If you saturate the color by 10%, you get **A354FF**, and if you desaturate by 10%, it is **BF87FF**.

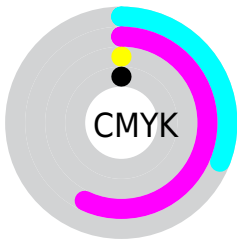
Distribution



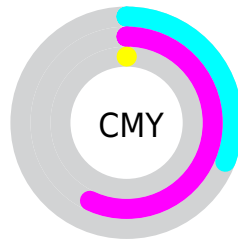
- Red (69%)
- Green (43%)
- Blue (100%)



- Red (69%)
- Yellow (43%)
- Blue (100%)



- Cyan (31%)
- Magenta (57%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (57%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B16DFF 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 B16DFF by changing the saturation by 10% instead.

 B16DFF

 B16DFF

FFFFFF

 9453E2

 ECA3FF

 7739C5

 FFBFFF

 5B1EA9

 FFDBFF

 3D008E

 FFF8FF

 1A0074

 00005B

 000042

 00032B

 000115

 B16DFF

 B16DFF

 A354FF

 BF87FF

 963AFF

 CCA0FF

 8821FF

 DABAFF

 7B07FF

 E7D3FF

 7700FF

 F5EDFF

FFFFFF

Harmonies

Analogous

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



0090FF



B16DFF



F841C1

Triad

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



B16DFF



D27A00



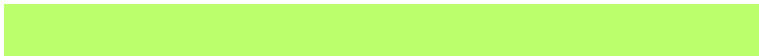
00AFA9

Complementary

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



B16DFF



BBFF6D

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.



00AC5C



B16DFF



959500

Square

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



B16DFF



FE5431



3CA400



00ADEE

Rectangle

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



B16DFF



FF2D90



3CA400



00AE90

Sweetspot

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



B16DFF



E8D4FF



6DBDFF



726680



000000



808080

Same Dimension

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



B16DFF



A14FFF



F86DFF



797380



5900BF



1E0040

Inverse Universe

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



FF6DBB



FF4FAD



74FF6D



80737A



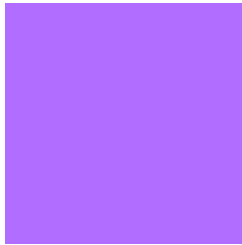
BF0066



400022

Previews

White Background



This preview shows how the Hex color B16DFF looks on a white background.

Color Contrast Check

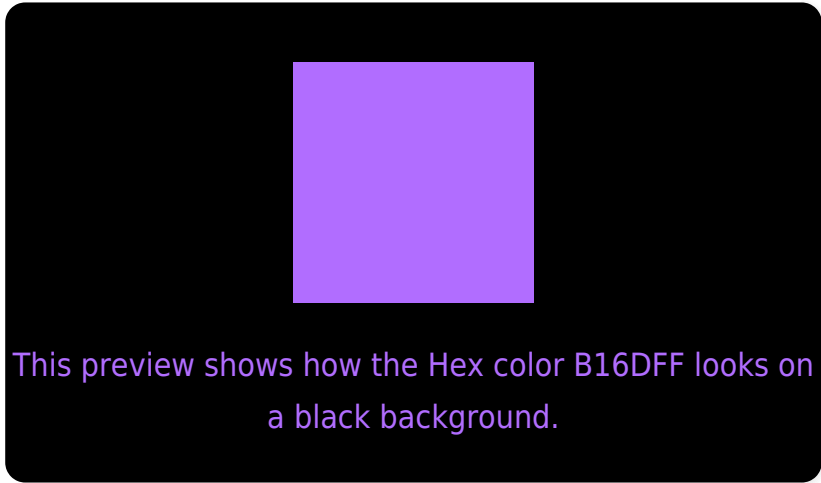
Large Text (above 18pt) WCAG AA ✓ Pass

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

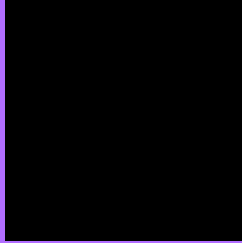
Any Text WCAG AA ✓ Pass

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 B16DFF Background



This preview shows how black text looks on a background with the Hex color B16DFF.

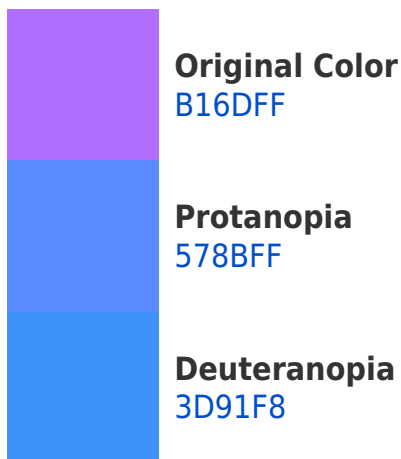


This preview shows how white text looks on a background with the Hex color B16DFF.

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](#).

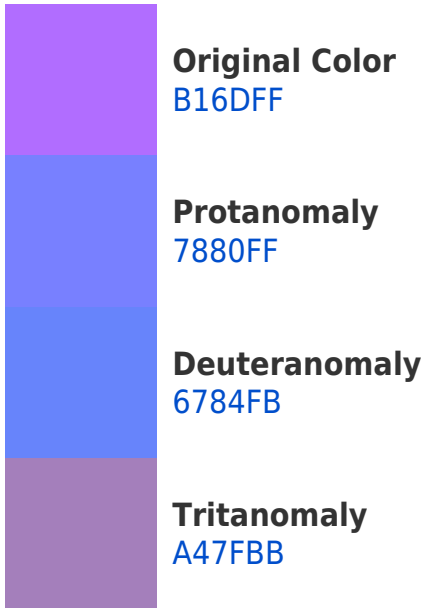
Dichromacy



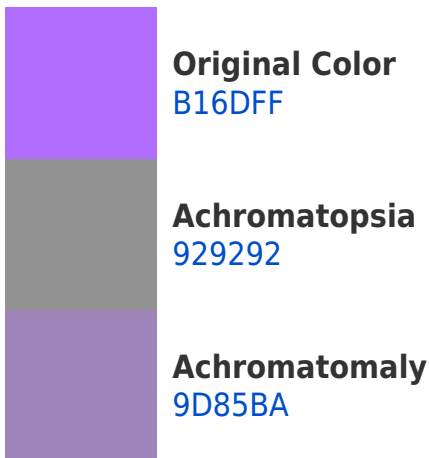


Tritanopia
9D8A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B16DFF 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 #B16DFF looks like.

```
.text, #text, p{  
    color:#B16DFF  
}
```

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 #B16DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B16DFF
}
```

Border

The CSS property to change the border of an element to Hex B16DFF 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
#B16DFF }
```

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

```
.border{ border-color:#B16DFF }
```

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

Here you see how a box with a 4 pixel #B16DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B16DFF; -webkit-box-shadow:4px 4px  
4px 4px #B16DFF; box-shadow:4px 4px 4px  
4px #B16DFF }
```

Background

The CSS property to change the background color of an element to Hex B16DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B16DFF }
```

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

```
.background{ background-color:#B16DFF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor