

# Converting Colors

Hex(B3A0FF)

Have a look what the booklet for  
Hex(B3A0FF) contains.

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# **Color**

**Hex(B3A0FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3A0FF
RGB	179, 160, 255
RGB Percent	70%, 63%, 100%
CMY	0.2980, 0.3725, 0.0000
CMYK	0.30, 0.37, 0.00, 0.00
HSL	252°, 100%, 81%
HSV	252°, 37%, 100%
XYZ	49.2112, 41.9453, 100.1103
YIQ	176.5110, -19.1710, 33.5730

# Conversions

## Conversions Part 2

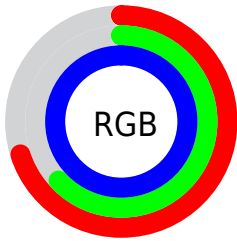
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	179, 160, 255
Decimal	11772159
CIE Lab	70.83, 27.21, -44.77
CIE LCh	71, 52.387, 301.295
Yxy	41.9453, 0.2573, 0.2193
Android (android.graphics.Color)	4289962239 (0xFFB3A0FF)
YUV	176.5110, 38.6951, 2.1829
Hunter-Lab	64.7652, 22.2924, -46.3114

# Details

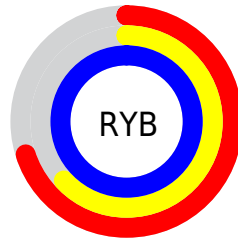
The Hex color **B3A0FF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **ECFFA0**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **EDD7FF**, and **7C6CC6** is the 20% darker color. If you saturate the color by 10%, you get **9F86FF**, and if you desaturate by 10%, it is **C7BAFF**.

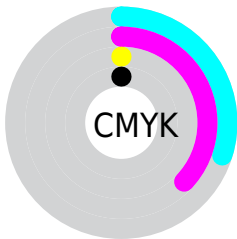
# Distribution



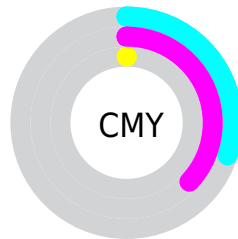
- Red (70%)
- Green (63%)
- Blue (100%)



- Red (70%)
- Yellow (63%)
- Blue (100%)



- Cyan (30%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (37%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3A0FF 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 B3A0FF by changing the saturation by 10% instead.



 B3A0FF

FFFFFF


 EDD7FF

 FFF3FF

 B3A0FF

 9786E2

 7C6CC6

 6154AA

 463D8F

 2A2675

 05125C

 000044

 00032D

 000117

 B3A0FF

 B3A0FF

 9F86FF


 C7BAFF

 8A6DFF

 DCD3FF

 7654FF

 F0EDFF

 613AFF

FFFFFF

 4D21FF

 3907FF

 3300FF

# Harmonies

## Analogous

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



59B2FF



B3A0FF



EA8EDC

# Triad

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



B3A0FF



ED9A5A



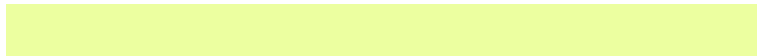
00C5AE

# Complementary

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



B3A0FF



ECFFA0

# 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.



57C27E



B3A0FF



C7AB4A

# Square

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



B3A0FF



FF8A7E



96B958



00C4DD

# Rectangle

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



B3A0FF



FE86BD



96B958



00C59D



# Sweetspot

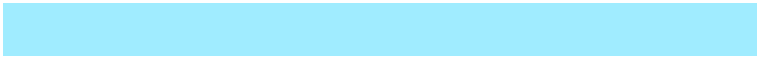
The Sweet Spot groups the original color and five complimentary colors.



B3A0FF



E9E3FF



A0ECFF



726F80



000000



808080



# Same Dimension

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



B3A0FF



A38CFF



E3A0FF



757380



2600BF



0D0040



# Inverse Universe

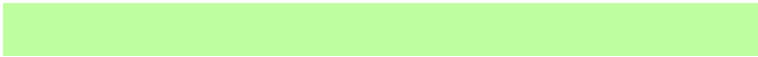
The Inverse Universe completely reimagines the original color for something new.



FFA0EC



FF8CE8



BDFFA0



80737D



BF0099



400033



# Previews

## White Background



This preview shows how the Hex color B3A0FF looks on a white background.

## Color Contrast Check

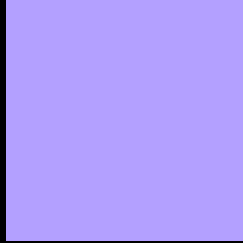
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color B3A0FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

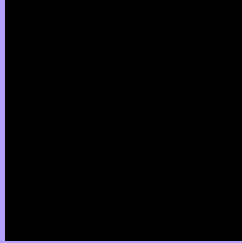
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B3A0FF Background



This preview shows how black text looks on a background with the Hex color B3A0FF.



This preview shows how white text looks on a background with the Hex color B3A0FF.

# Color Blindness Simulation

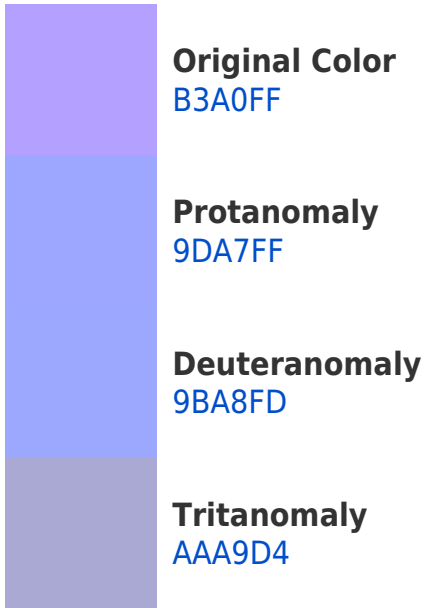
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

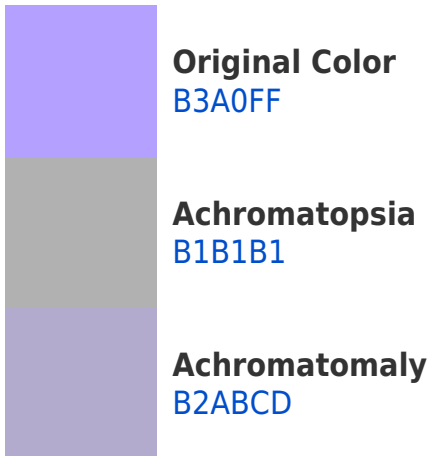




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3A0FF 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 #B3A0FF looks like.

```
.text, #text, p{  
    color:#B3A0FF  
}
```

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 #B3A0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3A0FF
}
```

## Border

The CSS property to change the border of an element to Hex B3A0FF 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
#B3A0FF }
```

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

```
.border{ border-color:#B3A0FF }
```

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

Here you see how a box with a 4 pixel #B3A0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3A0FF; -webkit-box-shadow:4px 4px  
4px 4px #B3A0FF; box-shadow:4px 4px 4px  
4px #B3A0FF }
```

# Background

The CSS property to change the background color of an element to Hex B3A0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3A0FF }
```

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

```
.background{ background-color:#B3A0FF }
```

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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