

# Converting Colors

Hex(B2A5FF)

Have a look what the booklet for  
Hex(B2A5FF) contains.

<b>Hex(B2A5FF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B2A5FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2A5FF
RGB	178, 165, 255
RGB Percent	70%, 65%, 100%
CMY	0.3020, 0.3529, 0.0000
CMYK	0.30, 0.35, 0.00, 0.00
HSL	249°, 100%, 82%
HSV	249°, 35%, 100%
XYZ	49.8652, 43.5952, 100.3943
YIQ	179.1470, -21.1420, 30.7460

# Conversions

## Conversions Part 2

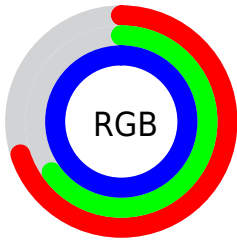
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	178, 165, 255
Decimal	11707903
CIE Lab	71.96, 24.14, -43.01
CIE LCh	72, 49.322, 299.302
Yxy	43.5952, 0.2572, 0.2249
Android (android.graphics.Color)	4289897983 (0xFFB2A5FF)
YUV	179.1470, 37.3955, -1.0059
Hunter-Lab	66.0267, 19.2615, -43.9324

# Details

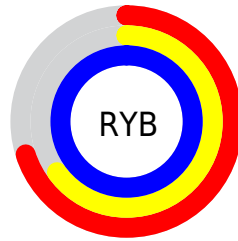
The Hex color **B2A5FF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F2FFA5**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **EBDCFF**, and **7B71C6** is the 20% darker color. If you saturate the color by 10%, you get **9C8CFF**, and if you desaturate by 10%, it is **C8BFFF**.

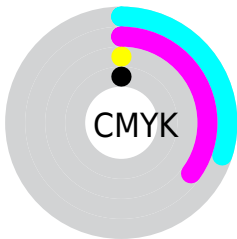
# Distribution



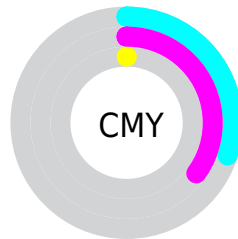
- Red (70%)
- Green (65%)
- Blue (100%)



- Red (70%)
- Yellow (65%)
- Blue (100%)



- Cyan (30%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (35%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2A5FF 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 B2A5FF by changing the saturation by 10% instead.



 B2A5FF

 B2A5FF

FFFFFF

 968BE2

 EBDCFF

 7B71C6

 FFF9FF

 6059AA

 45418F

 292B75

 05165C

 000044

 00032D

 000117

 B2A5FF

 B2A5FF

 9C8CFF

 C8BFFF

 8672FF

 DED8FF

 7159FF

 F3F2FF

 5B3FFF

 FFFFFFFF

 4526FF

 2F0CFF

 2500FF

# Harmonies

## Analogous

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



5FB5FF



B2A5FF



E794DF

# Triad

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



B2A5FF



F09D64



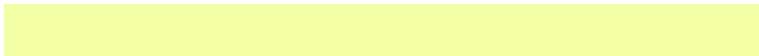
00C7AE

# Complementary

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



B2A5FF



F2FFA5

# 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.



66C381



B2A5FF



CCAD54

# Square

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



B2A5FF



FF8F87



9FBB5F



00C7DB

# Rectangle

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



B2A5FF



FC8DC2



9FBB5F



2BC69E



# Sweetspot

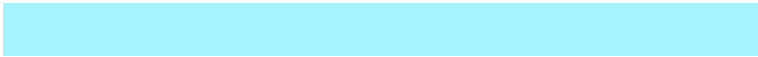
The Sweet Spot groups the original color and five complimentary colors.



B2A5FF



E7E3FF



A5F3FF



716F80



000000



808080



# Same Dimension

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



B2A5FF



A394FF



DEA5FF



757380



1C00BF



090040



# Inverse Universe

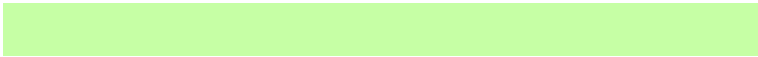
The Inverse Universe completely reimagines the original color for something new.



FFA5F2



FF94F0



C6FFA5



80737E



BF00A4

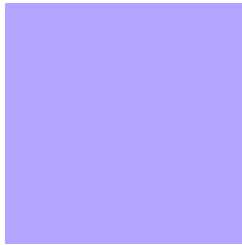


400037



# Previews

## White Background



This preview shows how the Hex color B2A5FF looks on a white background.

## Color Contrast Check

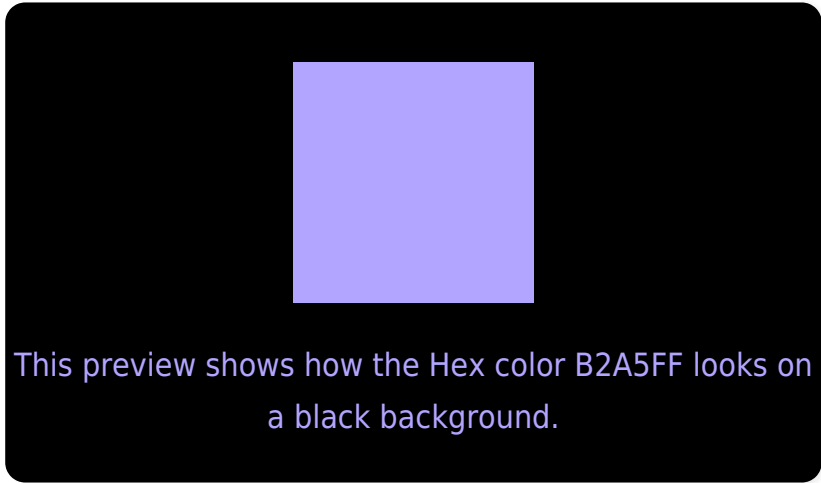
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

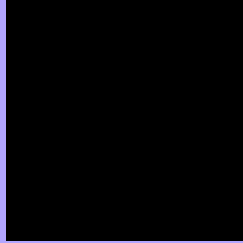
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B2A5FF Background



This preview shows how black text looks on a background with the Hex color B2A5FF.

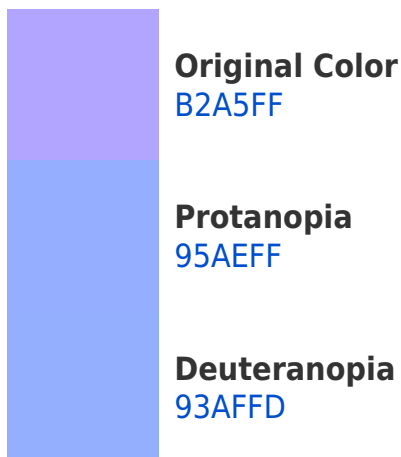


This preview shows how white text looks on a background with the Hex color B2A5FF.

# 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](#).

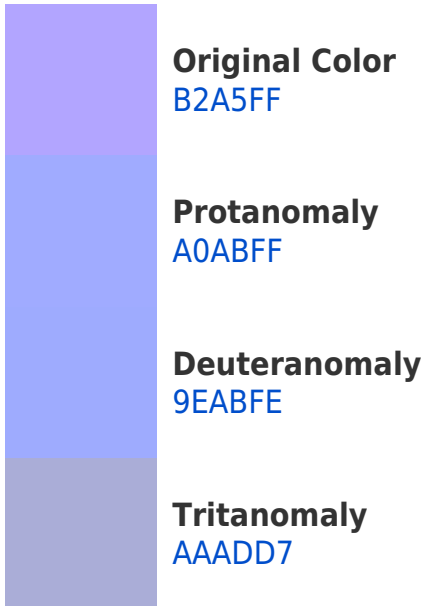
## Dichromacy



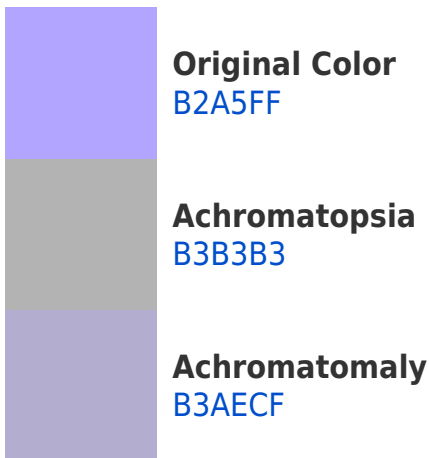


**Tritanopia**  
A5B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2A5FF 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 #B2A5FF looks like.

```
.text, #text, p{  
    color:#B2A5FF  
}
```

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 #B2A5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2A5FF
}
```

## Border

The CSS property to change the border of an element to Hex B2A5FF 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
#B2A5FF }
```

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

```
.border{ border-color:#B2A5FF }
```

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

Here you see how a box with a 4 pixel #B2A5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2A5FF; -webkit-box-shadow:4px 4px  
4px 4px #B2A5FF; box-shadow:4px 4px 4px  
4px #B2A5FF }
```

# Background

The CSS property to change the background color of an element to Hex B2A5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2A5FF }
```

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

```
.background{ background-color:#B2A5FF }
```

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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