

Converting Colors

Hex(B2A4FF)

Have a look what the booklet for
Hex(B2A4FF) contains.

Hex(B2A4FF)	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(B2A4FF)

Conversions

Conversions Part 1

Format	Color
Hex	B2A4FF
RGB	178, 164, 255
RGB Percent	70%, 64%, 100%
CMY	0.3020, 0.3569, 0.0000
CMYK	0.30, 0.36, 0.00, 0.00
HSL	249°, 100%, 82%
HSV	249°, 36%, 100%
XYZ	49.6856, 43.2359, 100.3344
YIQ	178.5600, -20.8670, 31.2690

Conversions

Conversions Part 2

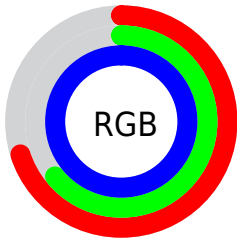
Format	Color
R _Y B	178, 164, 255
Decimal	11707647
CIE Lab	71.71, 24.70, -43.39
CIE LCh	72, 49.927, 299.649
Yxy	43.2359, 0.2571, 0.2237
Android (android.graphics.Color)	4289897727 (0xFFB2A4FF)
YUV	178.5600, 37.6849, -0.4911
Hunter-Lab	65.7540, 19.8100, -44.4431

Details

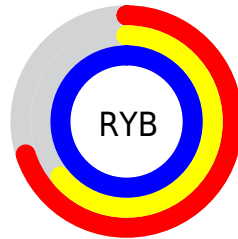
The Hex color **B2A4FF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F1FFA4**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **EBDBFF**, and **7B70C6** is the 20% darker color. If you saturate the color by 10%, you get **9C8BFF**, and if you desaturate by 10%, it is **C8BEFF**.

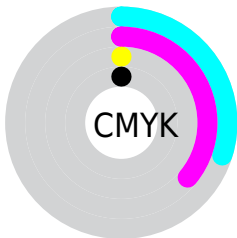
Distribution



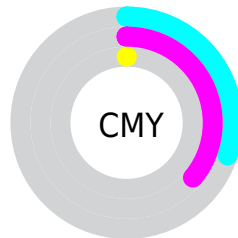
- Red (70%)
- Green (64%)
- Blue (100%)



- Red (70%)
- Yellow (64%)
- Blue (100%)



- Cyan (30%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2A4FF 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 B2A4FF by changing the saturation by 10% instead.

 B2A4FF

 B2A4FF

FFFFFF

 968AE2

 EBDBFF

 7B70C6

 FFF8FF

 6058AA

 45408F

 292A75

 05165C

 000044

 00032D

 000117

 B2A4FF


 B2A4FF

 9C8BFF

 C8BEFF

 8771FF

 DDD7FF

 7158FF

 F3F1FF

 5C3EFF

 FFFFFFFF

 4624FF

 310BFF

 2700FF

Harmonies

Analogous

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



5EB5FF



B2A4FF



E893DE

Triad

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



B2A4FF



EF9D62



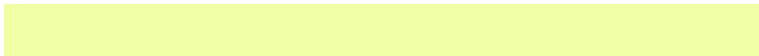
00C7AE

Complementary

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



B2A4FF



F1FFA4

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.



63C380



B2A4FF



CBAD52

Square

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



B2A4FF



FF8E85



9DBA5E



00C6DB

Rectangle

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



B2A4FF



FC8BC1



9DBA5E



23C69E

Sweetspot

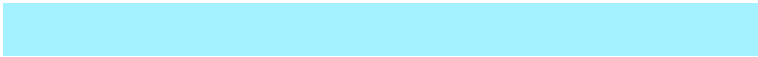
The Sweet Spot groups the original color and five complimentary colors.



B2A4FF



E7E3FF



A4F1FF



716F80



000000



808080

Same Dimension

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



B2A4FF



A291FF



DFA4FF



757380



1D00BF



0A0040

Inverse Universe

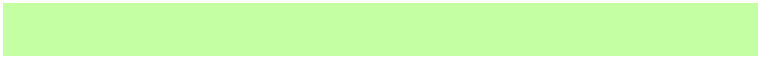
The Inverse Universe completely reimagines the original color for something new.



FFA4F1



FF91EE



C4FFA4



80737E



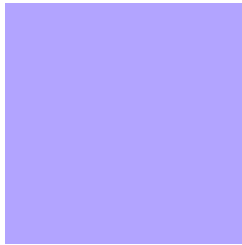
BF00A2



400036

Previews

White Background



This preview shows how the Hex color B2A4FF looks on a white background.

Color Contrast Check

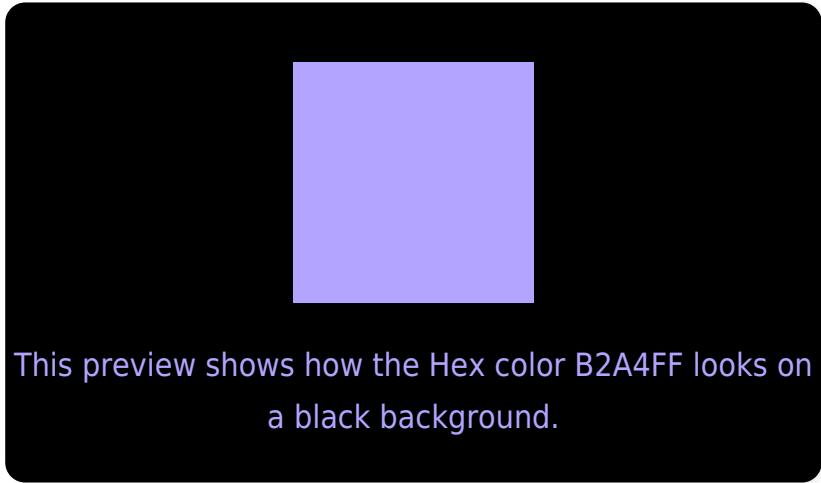
Large Text (above 18pt) WCAG AA × Fail

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

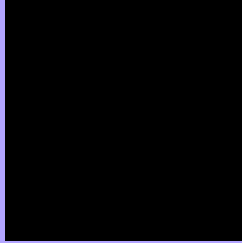
Any Text WCAG AA ✓ Pass

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 B2A4FF Background



This preview shows how black text looks on a background with the Hex color B2A4FF.

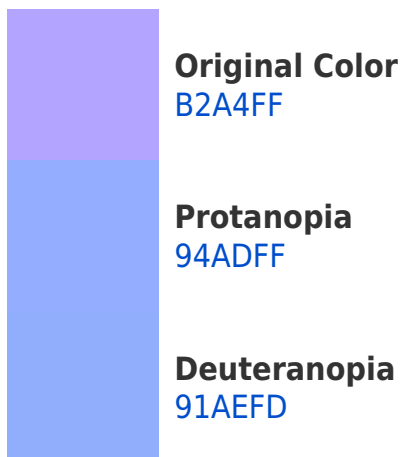


This preview shows how white text looks on a background with the Hex color B2A4FF.

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](#).

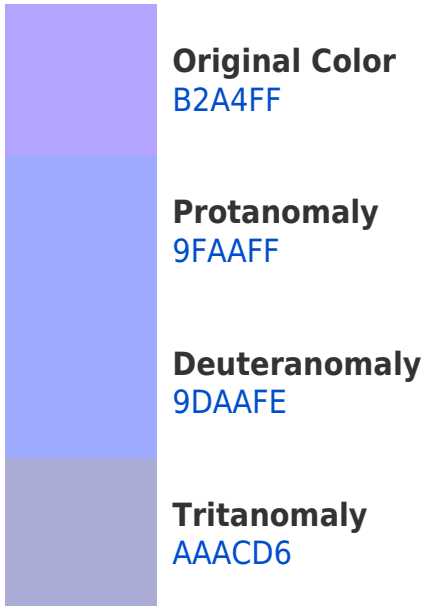
Dichromacy



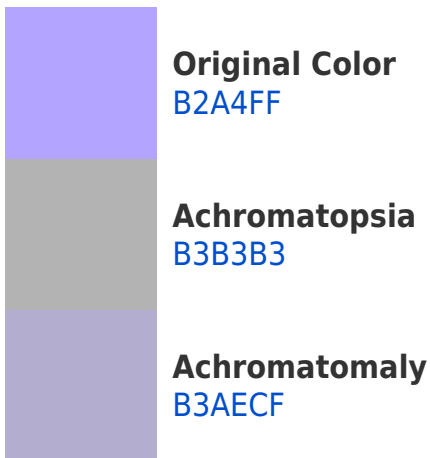


Tritanopia
A5B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2A4FF 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 #B2A4FF looks like.

```
.text, #text, p{  
    color:#B2A4FF  
}
```

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 #B2A4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2A4FF
}
```

Border

The CSS property to change the border of an element to Hex B2A4FF 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
#B2A4FF }
```

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

```
.border{ border-color:#B2A4FF }
```

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

Here you see how a box with a 4 pixel #B2A4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2A4FF; -webkit-box-shadow:4px 4px  
4px 4px #B2A4FF; box-shadow:4px 4px 4px  
4px #B2A4FF }
```

Background

The CSS property to change the background color of an element to Hex B2A4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2A4FF }
```

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

```
.background{ background-color:#B2A4FF }
```

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