

# Converting Colors

Hex(AB95FF)

Have a look what the booklet for  
Hex(AB95FF) contains.

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**Color**

**Hex(AB95FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB95FF
RGB	171, 149, 255
RGB Percent	67%, 58%, 100%
CMY	0.3294, 0.4157, 0.0000
CMYK	0.33, 0.42, 0.00, 0.00
HSL	252°, 100%, 79%
HSV	252°, 42%, 100%
XYZ	45.5920, 37.3728, 99.4185
YIQ	167.6620, -20.9140, 37.6300

# Conversions

## Conversions Part 2

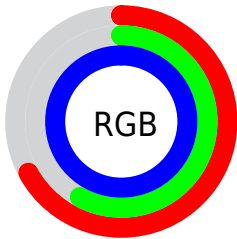
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 149, 255
Decimal	11245055
CIE <sub>Lab</sub>	67.56, 31.25, -49.97
CIE <sub>LCh</sub>	68, 58.932, 302.018
Yxy	37.3728, 0.2500, 0.2049
Android (android.graphics.Color)	4289435135 (0xFFAB95FF)
YUV	167.6620, 43.0576, 2.9274
Hunter-Lab	61.1333, 26.1385, -53.6274

# Details

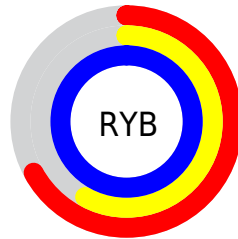
The Hex color **AB95FF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E9FF95**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **E5CBFF**, and **7362C6** is the 20% darker color. If you saturate the color by 10%, you get **977CFF**, and if you desaturate by 10%, it is **BFAFFF**.

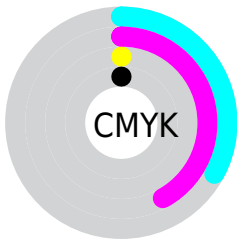
# Distribution



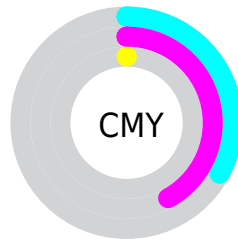
- Red (67%)
- Green (58%)
- Blue (100%)



- Red (67%)
- Yellow (58%)
- Blue (100%)



- Cyan (33%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (42%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB95FF 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 AB95FF by changing the saturation by 10% instead.



 AB95FF

 AB95FF

FFFFFF

 8F7BE2

 E5CBFF

 7362C6

 FFE8FF

 584AAA

 3C338F

 1C1D75

 00095C

 000044

 00032C

 000117

 AB95FF

 AB95FF

 977CFF

 BFAFFF

 8362FF

 D3C8FF

 6E49FF

 E8E2FF

 5A2FFF

 FCFBFF

 4616FF

FFFFFF

 3500FF

# Harmonies

## Analogous

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



30A9FF



AB95FF



E87FD7

# Triad

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



AB95FF



E88F46



00BEA7

# Complementary

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



AB95FF



E9FF95

# 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.



38BB70



AB95FF



BEA332

# Square

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



AB95FF



FF7C6F



88B245



00BDD8

# Rectangle

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



AB95FF



FE76B5



88B245



00BE94



# Sweetspot

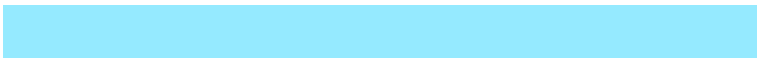
The Sweet Spot groups the original color and five complimentary colors.



AB95FF



E7E0FF



95E AFF



716E80



000000



808080



# Same Dimension

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



AB95FF



9A80FF



DF95FF



757380



2800BF



0D0040



# Inverse Universe

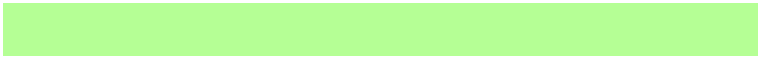
The Inverse Universe completely reimagines the original color for something new.



FF95E9



FF80E5



B5FF95



80737D



BF0098

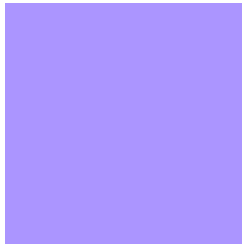


400033



# Previews

## White Background



This preview shows how the Hex color AB95FF looks on a white background.

## Color Contrast Check

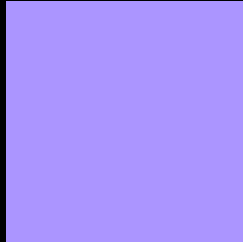
Large Text (above 18pt) WCAG AA × Fail

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 AB95FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

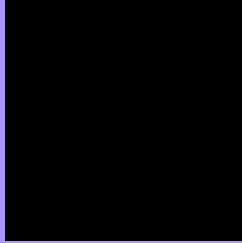
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AB95FF Background



This preview shows how black text looks on a background with the Hex color AB95FF.

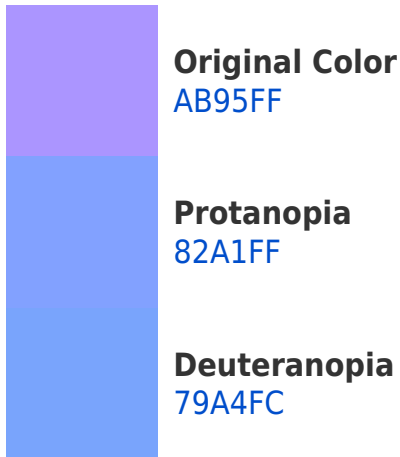


This preview shows how white text looks on a background with the Hex color AB95FF.

# 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](#).

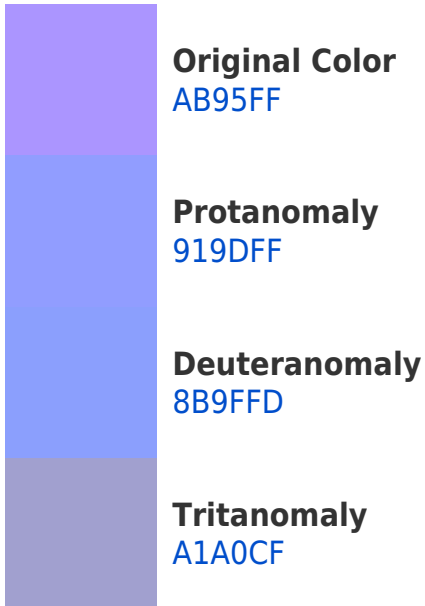
## Dichromacy



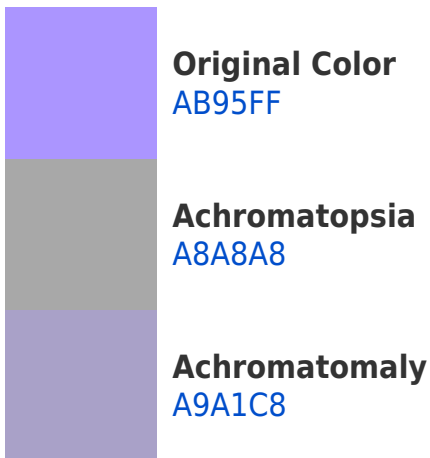


**Tritanopia**  
9BA6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB95FF 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 #AB95FF looks like.

```
.text, #text, p{  
    color:#AB95FF  
}
```

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 #AB95FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB95FF  
}
```

## Border

The CSS property to change the border of an element to Hex AB95FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

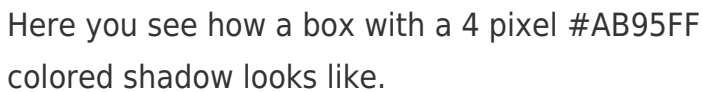
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AB95FF }
```

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

```
.border{ border-color:#AB95FF }
```

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



Here you see how a box with a 4 pixel `#AB95FF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB95FF; -webkit-box-shadow:4px 4px  
4px 4px #AB95FF; box-shadow:4px 4px 4px  
4px #AB95FF }
```

# Background

The CSS property to change the background color of an element to Hex AB95FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB95FF }
```

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

```
.background{ background-color:#AB95FF }
```

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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