

# Converting Colors

Hex(A582FF)

Have a look what the booklet for  
Hex(A582FF) contains.

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# Color

Hex(A582FF)

# Conversions

## Conversions Part 1

Format	Color
Hex	A582FF
RGB	165, 130, 255
RGB Percent	65%, 51%, 100%
CMY	0.3529, 0.4902, 0.0000
CMYK	0.35, 0.49, 0.00, 0.00
HSL	257°, 100%, 75%
HSV	257°, 49%, 100%
XYZ	41.5497, 31.1846, 98.4371
YIQ	154.7150, -19.2650, 46.2950

# Conversions

## Conversions Part 2

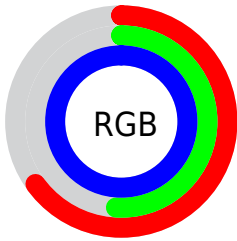
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">165, 130, 255</a>
Decimal	<a href="#">10846975</a>
CIELab	<a href="#">62.66, 40.41, -57.76</a>
CIELCh	<a href="#">63, 70.492, 304.974</a>
Yxy	<a href="#">31.1846, 0.2427, 0.1822</a>
Android (android.graphics.Color)	<a href="#">4289037055</a> ( <a href="#">0xFFA582FF</a> )
YUV	<a href="#">154.7150, 49.4405, 9.0199</a>
Hunter-Lab	<a href="#">55.8432, 35.0860, -65.4227</a>

# Details

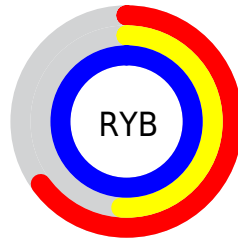
The Hex color **A582FF** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **DCFF82**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **DFB8FF**, and **6C50C6** is the 20% darker color. If you saturate the color by 10%, you get **9369FF**, and if you desaturate by 10%, it is **B79BFF**.

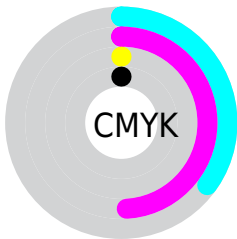
# Distribution



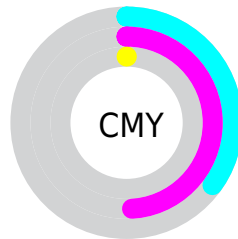
- Red (65%)
- Green (51%)
- Blue (100%)



- Red (65%)
- Yellow (51%)
- Blue (100%)



- Cyan (35%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (49%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A582FF 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 A582FF by changing the saturation by 10% instead.



 A582FF

 A582FF

FFFFFF

 8868E2


 DFB8FF

 6C50C6

 FDD3FF

 5038AA

 FFF0FF

 31218F

 060974

 00005B

 000043

 00032B

 000116

 A582FF

 A582FF

 9369FF

 B79BFF

 804FFF

 CAB5FF

 6E35FF

 DCCFFF

 5C1CFF

 EEE8FF

 4902FF

FFFFFF

 4700FF

# Harmonies

## Analogous

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



009CFF



A582FF



EA64CE

# Triad

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



A582FF



DE801B



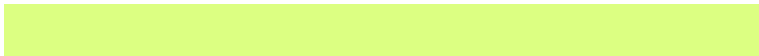
00B4A1

# Complementary

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



A582FF



DCFF82

# 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.



00B15F



A582FF



AC9800

# Square

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



A582FF



FF6553



6AA821



00B3DE

# Rectangle

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



A582FF



FF57A5



6AA821



00B48B



# Sweetspot

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



A582FF



E3D9FF



82DEFF



6F6980



000000



808080



# Same Dimension

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



A582FF



9369FF



E282FF



767380



3600BF



120040



# Inverse Universe

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



FF82DC



FF69D5



9FFF82



80737C



BF008A

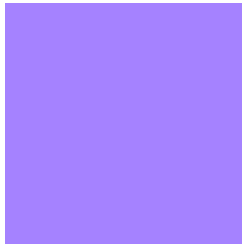


40002E



# Previews

## White Background



This preview shows how the Hex color A582FF 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

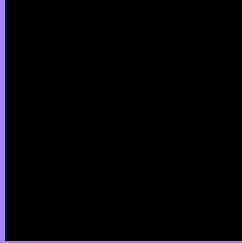
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A582FF Background



This preview shows how black text looks on a background with the Hex color A582FF.

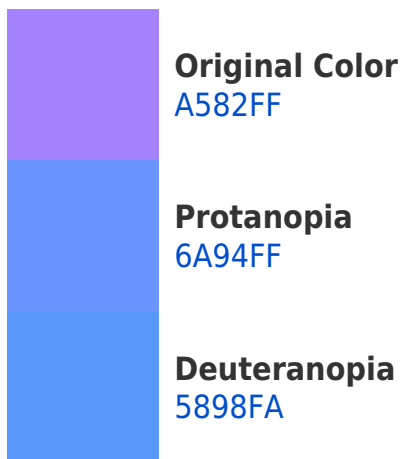


This preview shows how white text looks on a background with the Hex color A582FF.

# 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](#).

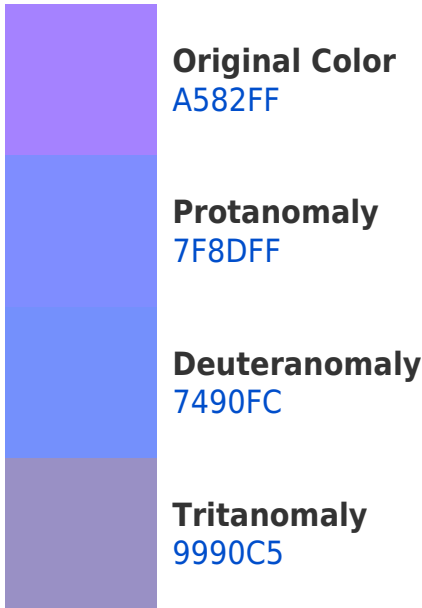
## Dichromacy



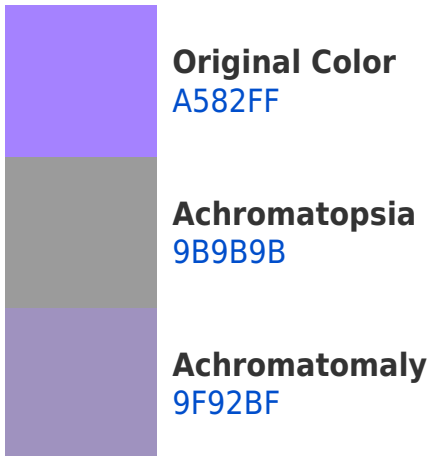


**Tritanopia**  
9298A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A582FF 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 #A582FF looks like.

```
.text, #text, p{  
    color:#A582FF  
}
```

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 #A582FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A582FF
}
```

## Border

The CSS property to change the border of an element to Hex A582FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

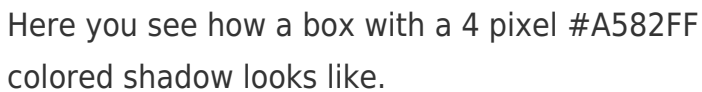
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A582FF }
```

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

```
.border{ border-color:#A582FF }
```

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



Here you see how a box with a 4 pixel #A582FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A582FF; -webkit-box-shadow:4px 4px  
4px 4px #A582FF; box-shadow:4px 4px 4px  
4px #A582FF }
```

# Background

The CSS property to change the background color of an element to Hex A582FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A582FF }
```

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

```
.background{ background-color:#A582FF }
```

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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