

# Converting Colors

Hex(A346FF)

Have a look what the booklet for  
Hex(A346FF) contains.

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**Color**

**Hex(A346FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A346FF
RGB	163, 70, 255
RGB Percent	64%, 27%, 100%
CMY	0.3608, 0.7255, 0.0000
CMYK	0.36, 0.73, 0.00, 0.00
HSL	270°, 100%, 64%
HSV	270°, 73%, 100%
XYZ	35.3444, 19.3868, 96.4869
YIQ	118.8970, -3.9570, 77.2510

# Conversions

## Conversions Part 2

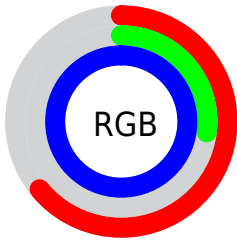
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 70, 255
Decimal	10700543
CIE <sub>Lab</sub>	51.14, 70.17, -76.35
CIE <sub>LCh</sub>	51, 103.698, 312.586
Yxy	19.3868, 0.2337, 0.1282
Android (android.graphics.Color)	4288890623 (0xFFA346FF)
YUV	118.8970, 67.0988, 38.6783
Hunter-Lab	44.0305, 66.2332, -99.1047

# Details

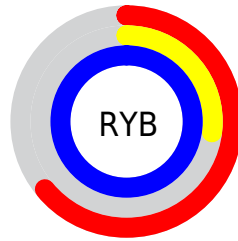
The Hex color **A346FF** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **A2FF46**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **DF7EFF**, and **6700C5** is the 20% darker color. If you saturate the color by 10%, you get **962DFF**, and if you desaturate by 10%, it is **B060FF**.

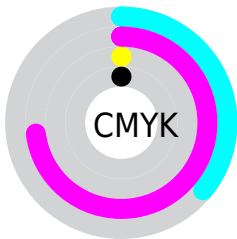
# Distribution



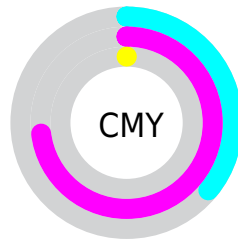
- Red (64%)
- Green (27%)
- Blue (100%)



- Red (64%)
- Yellow (27%)
- Blue (100%)



- Cyan (36%)
- Magenta (73%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (73%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A346FF 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 A346FF by changing the saturation by 10% instead.



 A346FF

 A346FF

FFFFFF

 8528E2

 DF7EFF

 6700C5

 FE9AFF

 4700A9

 FFB6FF

 21008E

 FFD3FF

 000073

 FFF0FF

 000059

 000741

 00032A

 000114

 A346FF

 A346FF

 962DFF

 B060FF

 8A13FF

 BC79FF

 8000FF

 C993FF

 D6ACFF

 E2C6FF

 EFDFFF

 FCF9FF

FFFFFF

# Harmonies

## Analogous

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



007BFF



A346FF



F700B1

# Triad

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



A346FF



BE6200



009B9E

# Complementary

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



A346FF



A2FF46

# 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.



009840



A346FF



738200

# Square

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



A346FF



F40C00



009200



009BF2

# Rectangle

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



A346FF



FF0077



009200



009B80



# Sweetspot

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



A346FF



E3C7FF



46A3FF



6F5E80



000000



808080



# Same Dimension

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



A346FF



9121FF



FF46FF



797380



6000BF



200040



# Inverse Universe

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



FF46A2



FF218F



46FF46



807379



BF005F

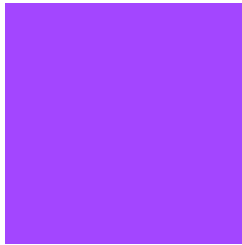


400020



# Previews

## White Background



This preview shows how the Hex color A346FF looks on a white background.

## Color Contrast Check

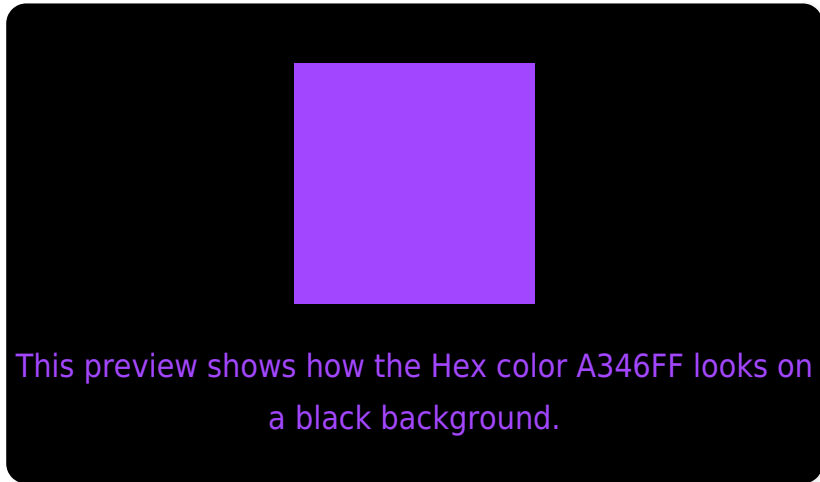
Large Text (above 18pt) WCAG AA ✓ Pass

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

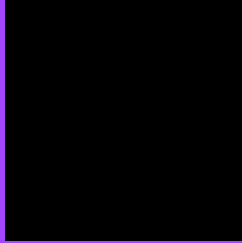
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A346FF Background



This preview shows how black text looks on a background with the Hex color A346FF.

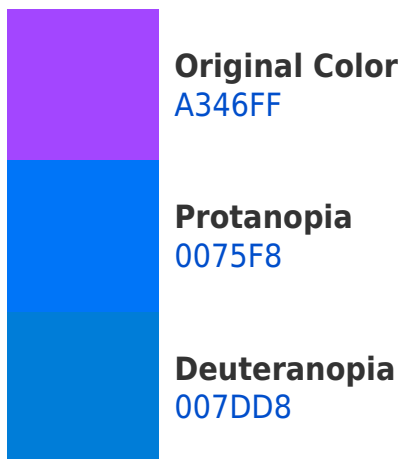


This preview shows how white text looks on a background with the Hex color A346FF.

# 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](#).

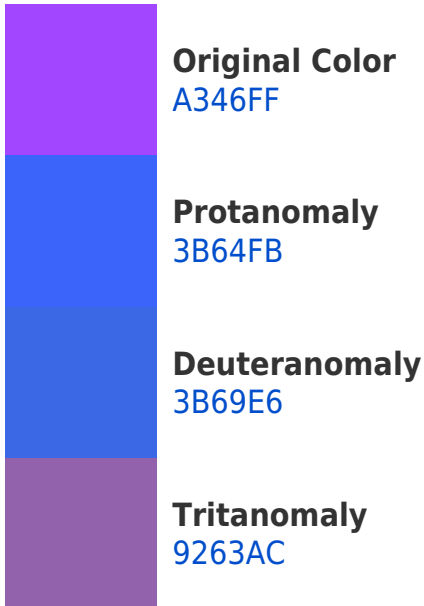
## Dichromacy



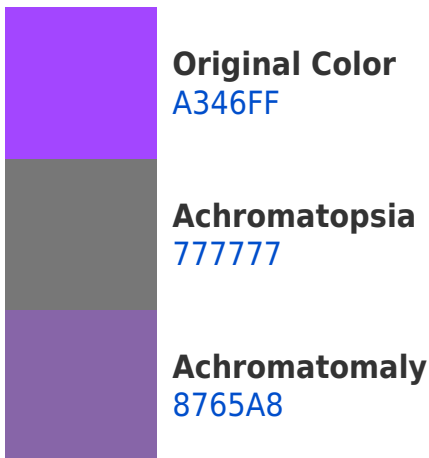


**Tritanopia**  
89747D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A346FF 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 #A346FF looks like.

```
.text, #text, p{  
    color:#A346FF  
}
```

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 #A346FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A346FF
}
```

## Border

The CSS property to change the border of an element to Hex A346FF 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".

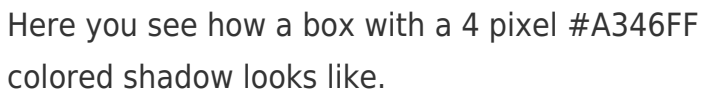
```
.border, #border, table{ border:4px solid
#A346FF }
```

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

```
.border{ border-color:#A346FF }
```

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

Here you see how a box with a 4 pixel #A346FF colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A346FF; -webkit-box-shadow:4px 4px  
4px 4px #A346FF; box-shadow:4px 4px 4px  
4px #A346FF }
```

# Background

The CSS property to change the background color of an element to Hex A346FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A346FF }
```

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

```
.background{ background-color:#A346FF }
```

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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