

# Converting Colors

Hex(A675FF)

Have a look what the booklet for  
Hex(A675FF) contains.

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**Color**

**Hex(A675FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A675FF
RGB	166, 117, 255
RGB Percent	65%, 46%, 100%
CMY	0.3490, 0.5412, 0.0000
CMYK	0.35, 0.54, 0.00, 0.00
HSL	261°, 100%, 73%
HSV	261°, 54%, 100%
XYZ	40.1372, 28.0496, 97.9064
YIQ	147.3830, -15.0940, 53.3060

# Conversions

## Conversions Part 2

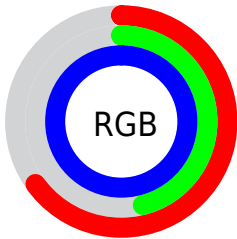
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 117, 255
Decimal	10909183
CIE <sub>Lab</sub>	59.93, 47.82, -62.12
CIE <sub>LCh</sub>	60, 78.396, 307.591
Yxy	28.0496, 0.2417, 0.1689
Android (android.graphics.Color)	4289099263 (0xFFA675FF)
YUV	147.3830, 53.0552, 16.3271
Hunter-Lab	52.9618, 42.5931, -72.5315

# Details

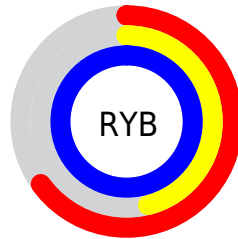
The Hex color **A675FF** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **CEFF75**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **E1AAFF**, and **6C42C5** is the 20% darker color. If you saturate the color by 10%, you get **965BFF**, and if you desaturate by 10%, it is **B68FFF**.

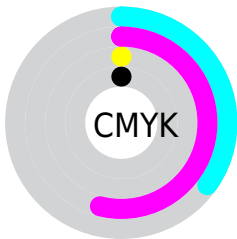
# Distribution



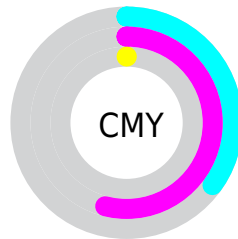
- Red (65%)
- Green (46%)
- Blue (100%)



- Red (65%)
- Yellow (46%)
- Blue (100%)



- Cyan (35%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (54%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A675FF 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 A675FF by changing the saturation by 10% instead.



 A675FF

 A675FF

FFFFFF

 895BE2

 E1AAFF

 6C42C5

 FFC6FF

 4F2AAA

 FFE3FF

 30108E

 010074

 00005B

 000442

 00032B

 000115

 A675FF

 A675FF

 965BFF

 B68FFF

 8542FF

 C7A8FF

 7528FF

 D7C2FF

 640FFF

 E8DBFF

 5B00FF

 F8F4FF

FFFFFF

# Harmonies

## Analogous

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



0093FF



A675FF



EF4FC7

# Triad

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



A675FF



D77900



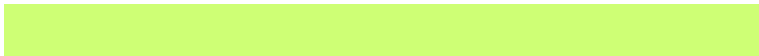
00AFA1

# Complementary

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



A675FF



CEFF75

# 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.



00AC58



A675FF



9E9300

# Square

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



A675FF



FD573F



52A300



00AEE4

# Rectangle

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



A675FF



FF3E99



52A300



00AE89



# Sweetspot

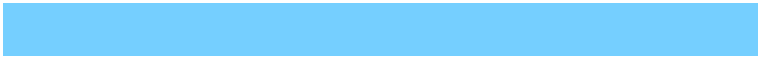
The Sweet Spot groups the original color and five complimentary colors.



A675FF



E5D6FF



75CFFF



706780



000000



808080



# Same Dimension

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



A675FF



9459FF



EA75FF



777380



4400BF



170040



# Inverse Universe

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



FF75CE



FF59C4



8AFF75



80737B



BF007B

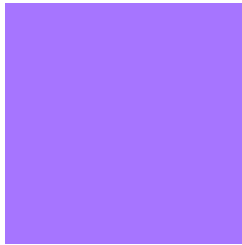


400029



# Previews

## White Background



This preview shows how the Hex color A675FF 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

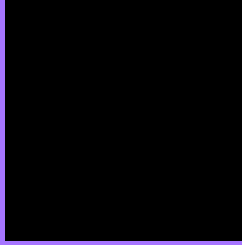
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A675FF Background



This preview shows how black text looks on a background with the Hex color A675FF.

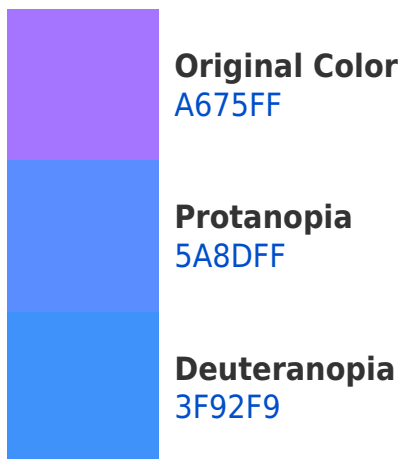


This preview shows how white text looks on a background with the Hex color A675FF.

# 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](#).

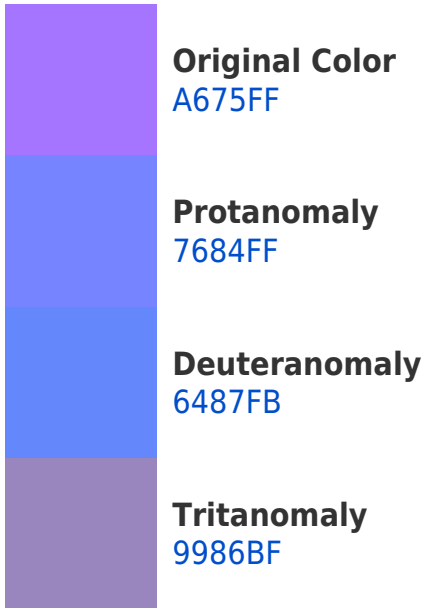
## Dichromacy



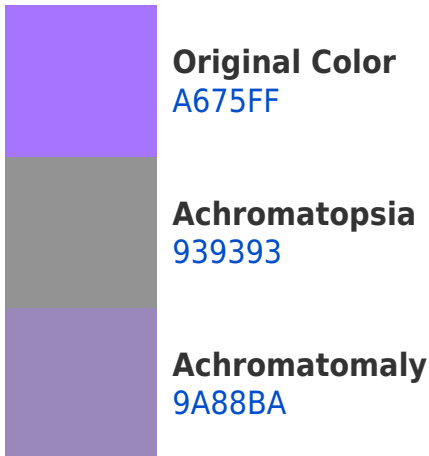


**Tritanopia**  
918F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A675FF 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 #A675FF looks like.

```
.text, #text, p{  
    color:#A675FF  
}
```

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 #A675FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A675FF  
}
```

## Border

The CSS property to change the border of an element to Hex A675FF 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  
#A675FF }
```

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

```
.border{ border-color:#A675FF }
```

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

Here you see how a box with a 4 pixel #A675FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A675FF; -webkit-box-shadow:4px 4px  
4px 4px #A675FF; box-shadow:4px 4px 4px  
4px #A675FF }
```

# Background

The CSS property to change the background color of an element to Hex A675FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A675FF }
```

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

```
.background{ background-color:#A675FF }
```

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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