

# Converting Colors

Hex(A475FA)

Have a look what the booklet for  
Hex(A475FA) contains.

<b>Hex(A475FA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(A475FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A475FA
RGB	164, 117, 250
RGB Percent	64%, 46%, 98%
CMY	0.3569, 0.5412, 0.0196
CMYK	0.34, 0.53, 0.00, 0.02
HSL	261°, 93%, 72%
HSV	261°, 53%, 98%
XYZ	38.9265, 27.5172, 93.7022
YIQ	146.2150, -14.6810, 51.3270

# Conversions

## Conversions Part 2

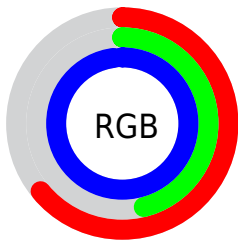
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 117, 250
Decimal	10778106
CIELab	59.45, 46.10, -60.15
CIElCh	59, 75.782, 307.465
Yxy	27.5172, 0.2431, 0.1718
Android (android.graphics.Color)	4288968186 (0xFFA475FA)
YUV	146.2150, 51.1660, 15.5974
Hunter-Lab	52.4569, 40.6593, -69.1882

# Details

The Hex color **A475FA** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **CBFA75**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **DEAAFF**, and **6B43C1** is the 20% darker color. If you saturate the color by 10%, you get **945CFA**, and if you desaturate by 10%, it is **B48EFA**.

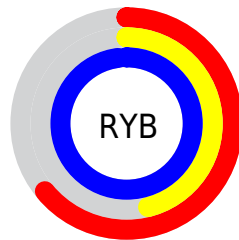
# Distribution



Red (64%)

Green (46%)

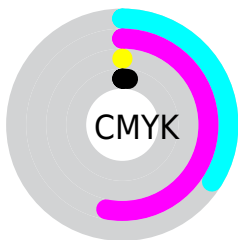
Blue (98%)



Red (64%)

Yellow (46%)

Blue (98%)

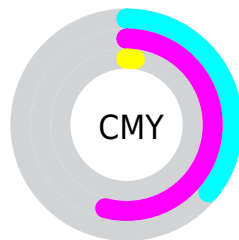


Cyan (34%)

Magenta (53%)

Yellow (0%)

Black (2%)



Cyan (36%)

Magenta (54%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A475FA 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 A475FA by changing the saturation by 10% instead.



 A475FA

 A475FA

FFFFFF

 875BDD

 DEAAFF

 6B43C1

 FCC6FF

 4E2AA5

 FFE2FF

 2F118A

 020070

 000057

 00063E

 000327

 000111

 A475FA

 A475FA

 945CFA

 B48EFA

 8443FA

 C4A7FA

 742AFA

 D4C0FA

 6311FA

 E5D9FA

 5800FA

 F5F2FA

 FFFFFA

# Harmonies

## Analogous

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



0092FF



A475FA



EA52C4

# Triad

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



A475FA



D47900



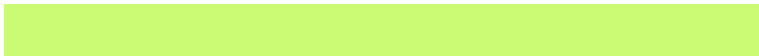
00AD9F

# Complementary

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



A475FA



CBFA75

# 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.



00AA59



A475FA



9D9200

# Square

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



A475FA



F95841



54A108



00ABDF

# Rectangle

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



A475FA



FF4298



54A108



00AC87



# Sweetspot

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



A475FA



E5D6FF



75CBFA



706780



000000



808080



# Same Dimension

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



A475FA



955CFF



E675FA



75707D



4300BD



16003D



# Inverse Universe

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



FA75CB



FF5CC5



89FA75



7D7079



BD007A

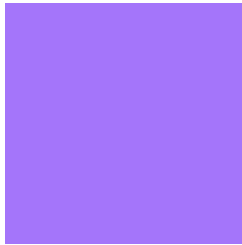


3D0028



# Previews

## White Background



This preview shows how the Hex color A475FA looks on a white background.

## Color Contrast Check

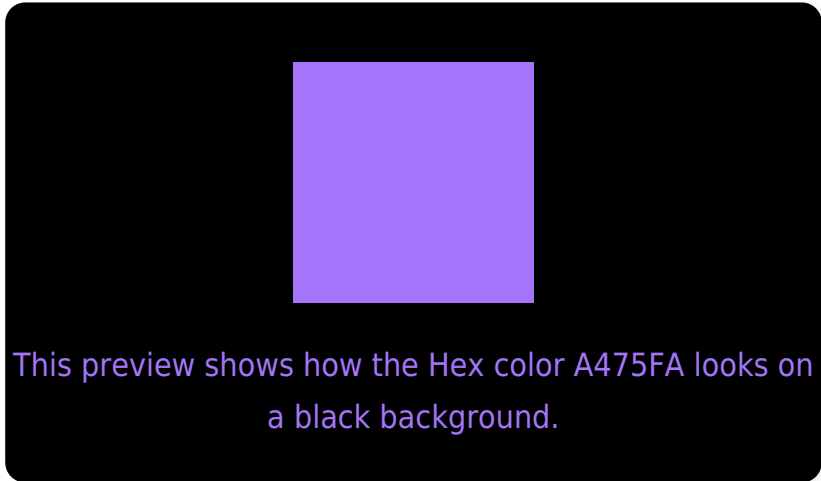
Large Text (above 18pt) WCAG AA ✓ Pass

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

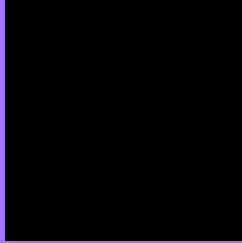
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A475FA Background



This preview shows how black text looks on a background with the Hex color A475FA.

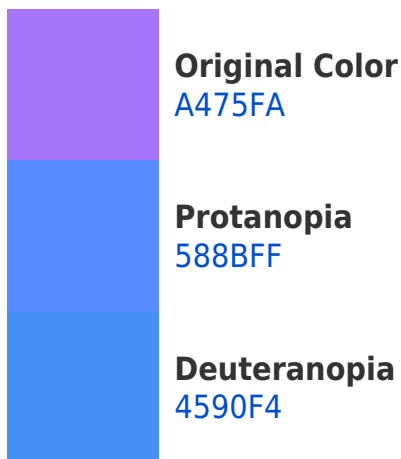


This preview shows how white text looks on a background with the Hex color A475FA.

# 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](#).

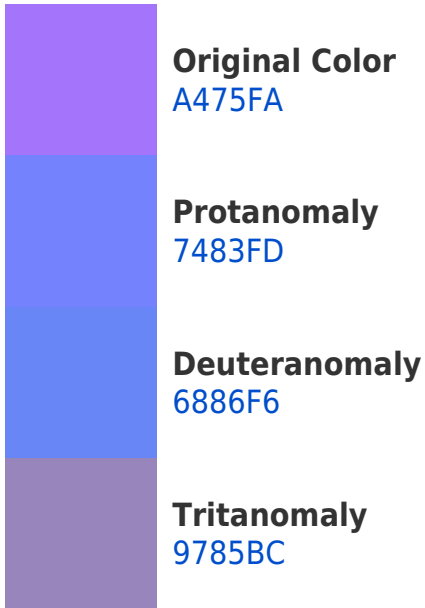
## Dichromacy



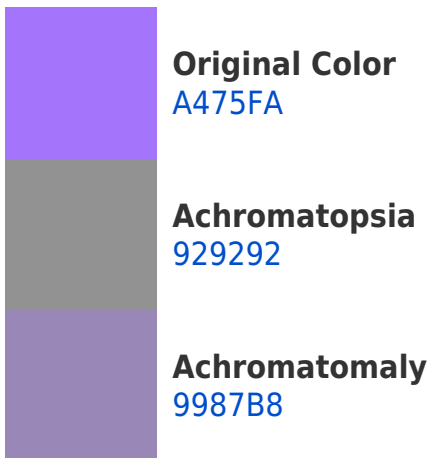


**Tritanopia**  
908E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A475FA 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 #A475FA looks like.

```
.text, #text, p{  
    color:#A475FA  
}
```

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 #A475FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A475FA
}
```

## Border

The CSS property to change the border of an element to Hex A475FA 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
#A475FA }
```

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

```
.border{ border-color:#A475FA }
```

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

Here you see how a box with a 4 pixel #A475FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A475FA; -webkit-box-shadow:4px 4px  
4px 4px #A475FA; box-shadow:4px 4px 4px  
4px #A475FA }
```

# Background

The CSS property to change the background color of an element to Hex A475FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A475FA }
```

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

```
.background{ background-color:#A475FA }
```

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