

# Converting Colors

Hex(A076F3)

Have a look what the booklet for  
Hex(A076F3) contains.

<b>Hex(A076F3)</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(A076F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A076F3
RGB	160, 118, 243
RGB Percent	63%, 46%, 95%
CMY	0.3725, 0.5373, 0.0471
CMYK	0.34, 0.51, 0.00, 0.05
HSL	260°, 84%, 71%
HSV	260°, 51%, 95%
XYZ	37.1533, 26.9015, 88.0283
YIQ	144.8080, -15.0930, 47.7790

# Conversions

## Conversions Part 2

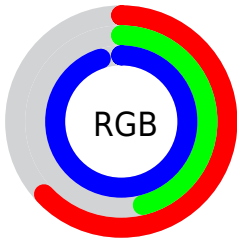
Format	Color
R <sub>Y</sub> B	160, 118, 243
Decimal	10516211
CIE Lab	58.88, 42.81, -57.21
CIE LCh	59, 71.455, 306.811
Yxy	26.9015, 0.2443, 0.1769
Android (android.graphics.Color)	4288706291 (0xFFA076F3)
YUV	144.8080, 48.4087, 13.3234
Hunter-Lab	51.8667, 37.0970, -64.3206

# Details

The Hex color **A076F3** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **C9F376**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **DAABFF**, and **6744BA** is the 20% darker color. If you saturate the color by 10%, you get **905EF3**, and if you desaturate by 10%, it is **B08EF3**.

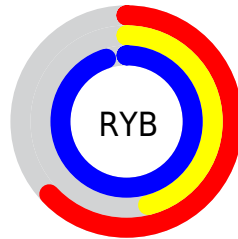
# Distribution



Red (63%)

Green (46%)

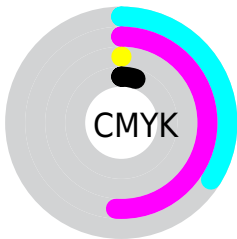
Blue (95%)



Red (63%)

Yellow (46%)

Blue (95%)

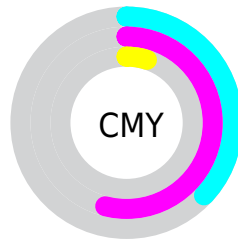


Cyan (34%)

Magenta (51%)

Yellow (0%)

Black (5%)



Cyan (37%)

Magenta (54%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A076F3 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 A076F3 by changing the saturation by 10% instead.



 A076F3

 A076F3

FFFFFF

 845DD6

 DAABFF

 6744BA

 F8C7FF

 4B2C9F

 FFE3FF

 2D1484

 00006A

 000051

 000539

 000222

 000009

 A076F3

 A076F3

 905EF3

 B08EF3


 8045F3

 C0A7F3

 702DF3

 D0BFF3

 5F15F3

 E1D7F3

 5200F3

 F1EFF3

 FFFFF3

# Harmonies

## Analogous

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



0091FF



A076F3



E357C0

# Triad

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



A076F3



D07800



00AA9B

# Complementary

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



A076F3



C9F376

# 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.



00A759



A076F3



9D9000

# Square

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



A076F3



F35B46



5A9F16



00A9D8

# Rectangle

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



A076F3



F84997



5A9F16



00A985



# Sweetspot

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



A076F3



E6D9FF



76C9F3



706980



000000



808080



# Same Dimension

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



A076F3



9661FF



DE76F3



726E7A



3F00BA



14003B



# Inverse Universe

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



F376C9



FF61CA



8BF376



7A6E76



BA007C

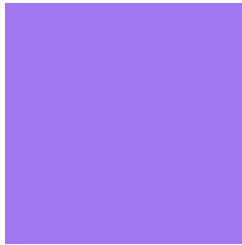


3B0027



# Previews

## White Background



This preview shows how the Hex color A076F3 looks on a white background.

## Color Contrast Check

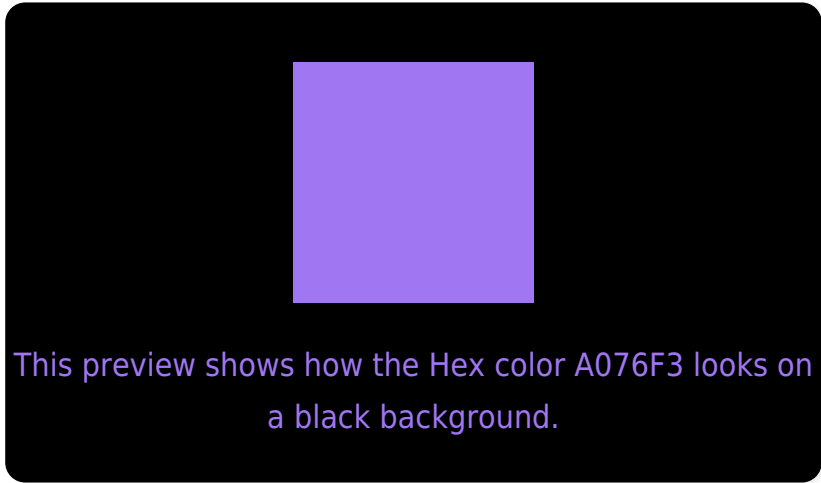
Large Text (above 18pt) WCAG AA ✓ Pass

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 A076F3 Background



This preview shows how black text looks on a background with the Hex color A076F3.

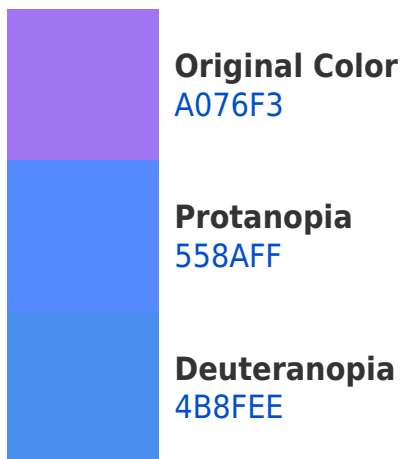


This preview shows how white text looks on a background with the Hex color A076F3.

# 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](#).

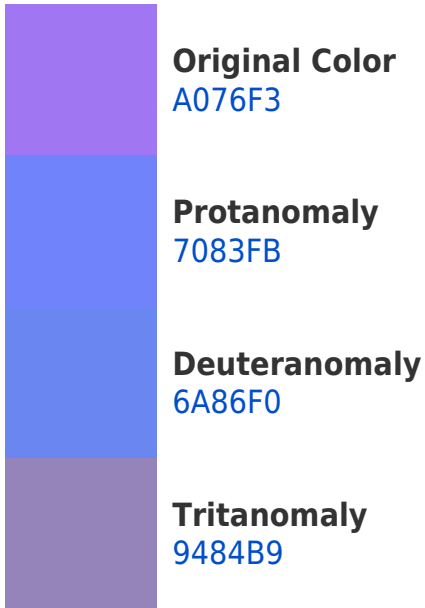
## Dichromacy



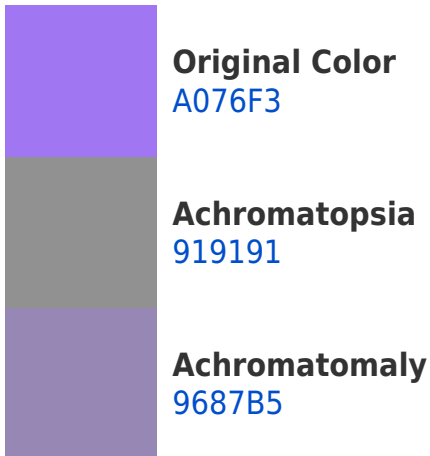


**Tritanopia**  
8D8C98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A076F3 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 #A076F3 looks like.

```
.text, #text, p{  
    color:#A076F3  
}
```

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 #A076F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A076F3
}
```

## Border

The CSS property to change the border of an element to Hex A076F3 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
#A076F3 }
```

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

```
.border{ border-color:#A076F3 }
```

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

Here you see how a box with a 4 pixel #A076F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A076F3; -webkit-box-shadow:4px 4px  
4px 4px #A076F3; box-shadow:4px 4px 4px  
4px #A076F3 }
```

# Background

The CSS property to change the background color of an element to Hex A076F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A076F3 }
```

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

```
.background{ background-color:#A076F3 }
```

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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