

# Converting Colors

Hex(A76EF7)

Have a look what the booklet for  
Hex(A76EF7) contains.

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# Color

**Hex(A76EF7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A76EF7
RGB	167, 110, 247
RGB Percent	65%, 43%, 97%
CMY	0.3451, 0.5686, 0.0314
CMYK	0.32, 0.55, 0.00, 0.03
HSL	265°, 90%, 70%
HSV	265°, 55%, 97%
XYZ	38.3008, 26.0828, 91.0115
YIQ	142.6610, -10.0050, 54.6910

# Conversions

## Conversions Part 2

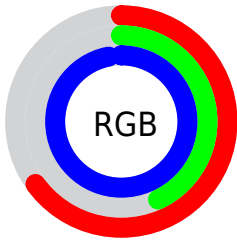
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	167, 110, 247
Decimal	10972919
CIE Lab	58.12, 49.85, -60.61
CIE LCh	58, 78.477, 309.434
Yxy	26.0828, 0.2465, 0.1678
Android (android.graphics.Color)	4289162999 (0xFFA76EF7)
YUV	142.6610, 51.4391, 21.3453
Hunter-Lab	51.0713, 44.4909, -69.9078

# Details

The Hex color **A76EF7** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **BEF76E**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **E1A3FF**, and **6E3BBE** is the 20% darker color. If you saturate the color by 10%, you get **9955F7**, and if you desaturate by 10%, it is **B587F7**.

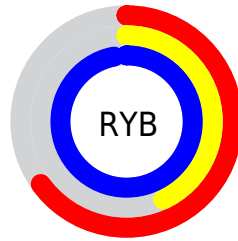
# Distribution



Red (65%)

Green (43%)

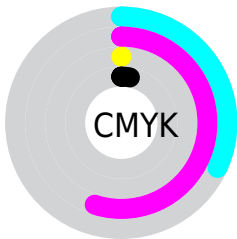
Blue (97%)



Red (65%)

Yellow (43%)

Blue (97%)

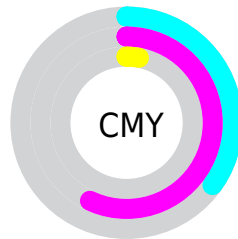


Cyan (32%)

Magenta (55%)

Yellow (0%)

Black (3%)



Cyan (35%)

Magenta (57%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A76EF7 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 A76EF7 by changing the saturation by 10% instead.



 A76EF7

 A76EF7

FFFFFF

 8A54DA

 E1A3FF

 6E3BBE

 FFBFFF

 5122A2

 FFD8FF

 330487

 FFF8FF

 0B006D

 000054

 00063C

 000225

 00010D

 A76EF7

 A76EF7

 9955F7

 B587F7

 8A3DF7

 C49FF7

 7C24F7

 D2B8F7

 6D0BF7

 E1D1F7

 6700F7

 EFEAF7

 FEFFF7

 FFFFF7

# Harmonies

## Analogous

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



008DFF



A76EF7



EC47BD

# Triad

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



A76EF7



CE7600



00AAA0

# Complementary

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



A76EF7



BEF76E

# 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.



00A758



A76EF7



959000

# Square

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



A76EF7



F65337



469F00



00A8E2

# Rectangle

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



A76EF7



FF3690



469F00



00A988



# Sweetspot

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



A76EF7



E6D4FF



6EC0F7



716680



000000



808080



# Same Dimension

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



A76EF7



9B54FF



E96EF7



736E7A



4D00BA



18003B



# Inverse Universe

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



F76EBE



FF54B8



7CF76E



7A6E75



BA006D

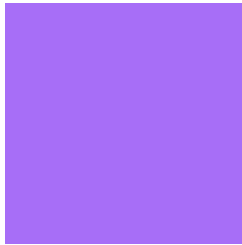


3B0022



# Previews

## White Background



This preview shows how the Hex color A76EF7 looks on a white background.

## Color Contrast Check

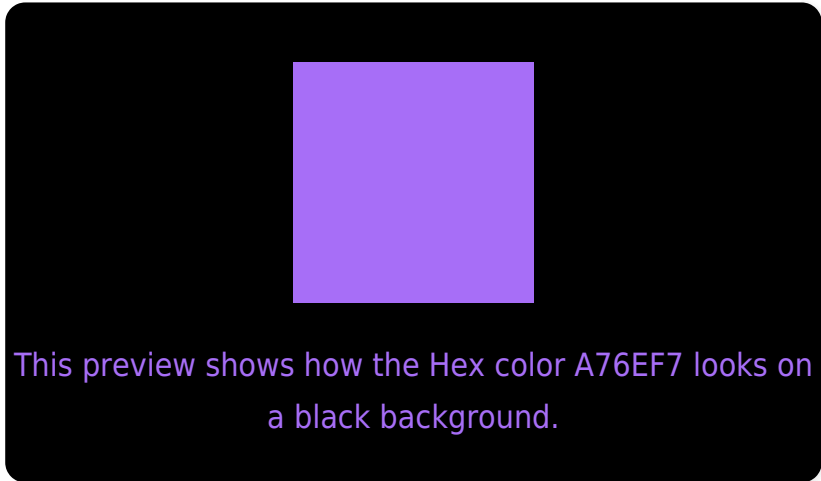
Large Text (above 18pt) WCAG AA ✓ Pass

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

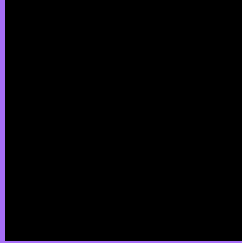
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A76EF7 Background



This preview shows how black text looks on a background with the Hex color A76EF7.



This preview shows how white text looks on a background with the Hex color A76EF7.

# 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](#).

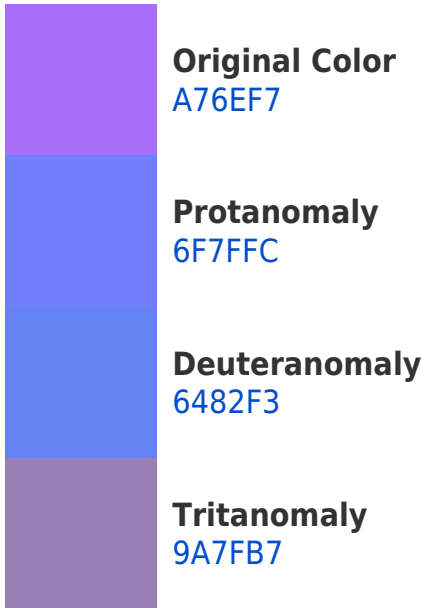
## Dichromacy



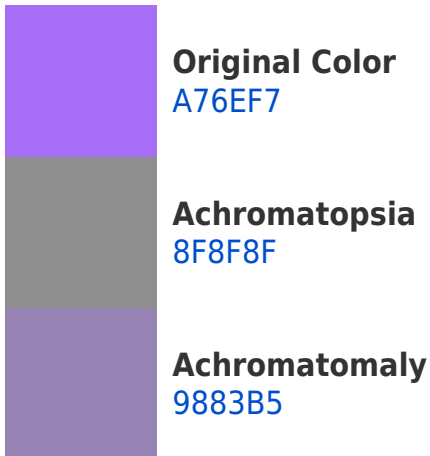


**Tritanopia**  
938893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A76EF7 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 #A76EF7 looks like.

```
.text, #text, p{  
    color:#A76EF7  
}
```

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 #A76EF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A76EF7
}
```

## Border

The CSS property to change the border of an element to Hex A76EF7 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
#A76EF7 }
```

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

```
.border{ border-color:#A76EF7 }
```

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

Here you see how a box with a 4 pixel #A76EF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A76EF7; -webkit-box-shadow:4px 4px  
4px 4px #A76EF7; box-shadow:4px 4px 4px  
4px #A76EF7 }
```

# Background

The CSS property to change the background color of an element to Hex A76EF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A76EF7 }
```

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

```
.background{ background-color:#A76EF7 }
```

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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