

# Converting Colors

Hex(7A6CF6)

Have a look what the booklet for  
Hex(7A6CF6) contains.

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# Color

Hex(7A6CF6)

# Conversions

## Conversions Part 1

Format	Color
Hex	7A6CF6
RGB	122, 108, 246
RGB Percent	48%, 42%, 96%
CMY	0.5216, 0.5765, 0.0353
CMYK	0.50, 0.56, 0.00, 0.04
HSL	246°, 88%, 69%
HSV	246°, 56%, 96%
XYZ	30.0232, 21.5165, 89.7595
YIQ	127.9180, -35.9540, 45.8860

# Conversions

## Conversions Part 2

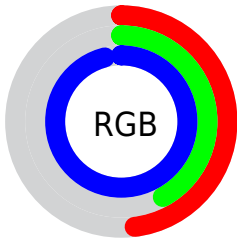
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	122, 108, 246
Decimal	8023286
CIE Lab	53.51, 40.91, -67.68
CIE LCh	54, 79.086, 301.148
Yxy	21.5165, 0.2125, 0.1523
Android (android.graphics.Color)	4286213366 (0xFF7A6CF6)
YUV	127.9180, 58.2144, -5.1901
Hunter-Lab	46.3859, 34.3583, -82.2596

# Details

The Hex color **7A6CF6** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **E8F66C**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B6A0FF**, and **3A3CBD** is the 20% darker color. If you saturate the color by 10%, you get **6453F6**, and if you desaturate by 10%, it is **9085F6**.

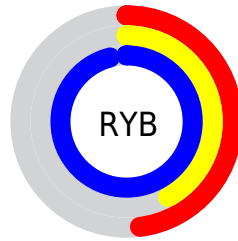
# Distribution



Red (48%)

Green (42%)

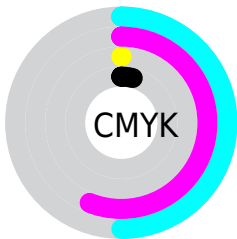
Blue (96%)



Red (48%)

Yellow (42%)

Blue (96%)

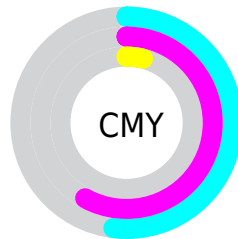


Cyan (50%)

Magenta (56%)

Yellow (0%)

Black (4%)



Cyan (52%)

Magenta (58%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A6CF6 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 7A6CF6 by changing the saturation by 10% instead.



 7A6CF6

 7A6CF6

FFFFFF

 5B53D9

 B6A0FF

 3A3CBD

 D4BBFF

 0525A1

 F2D7FF

 001086

 FFF4FF

 00006C

 000153

 00063A

 000224

 00000C

 7A6CF6

 7A6CF6

 6453F6

 9085F6

 4E3BF6

 A69DF6

 3822F6

 BCB6F6

 220AF6

 D2CEF6

 1900F6

 E9E7F6

 FFFFF6

# Harmonies

## Analogous

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



0088FF



7A6CF6



D143C3

# Triad

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



7A6CF6



CD6100



009C81

# Complementary

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



7A6CF6



E8F66C

# 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.



009938



7A6CF6



997E00

# Square

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



7A6CF6



EE393E



539000



009DC5

# Rectangle

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



7A6CF6



EC2697



539000



009C69



# Sweetspot

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



7A6CF6



D8D4FF



6CE8F6



696680



000000



808080



# Same Dimension

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



7A6CF6



6554FF



BF6CF6



6F6E7A



1300BA



06003B



# Inverse Universe

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



F66CE8



FF54EE



A3F66C



7A6E79



BA00A7

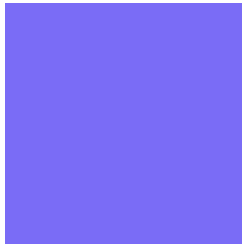


3B0035



# Previews

## White Background



This preview shows how the Hex color 7A6CF6 looks on a white background.

## Color Contrast Check

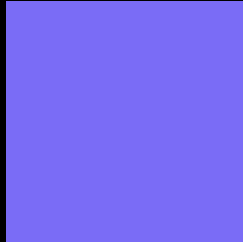
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 7A6CF6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

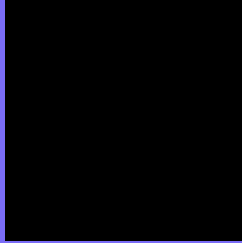
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7A6CF6 Background



This preview shows how black text looks on a background with the Hex color 7A6CF6.

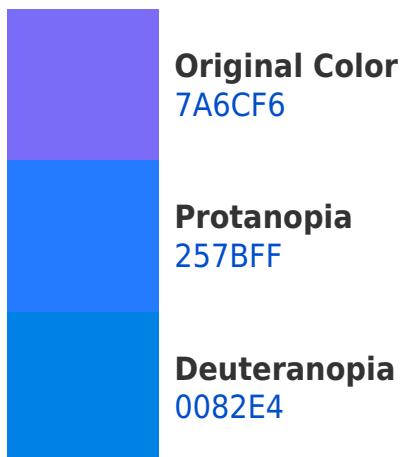


This preview shows how white text looks on a background with the Hex color 7A6CF6.

# 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](#).

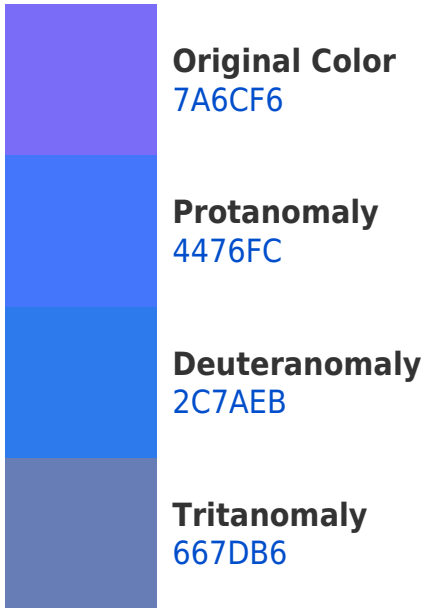
## Dichromacy



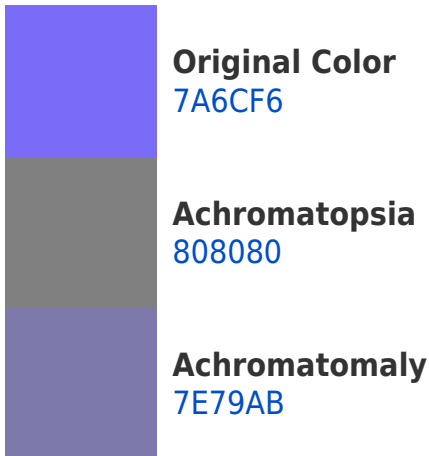


**Tritanopia**  
5B8691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A6CF6 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 #7A6CF6 looks like.

```
.text, #text, p{  
    color:#7A6CF6  
}
```

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 #7A6CF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A6CF6
}
```

## Border

The CSS property to change the border of an element to Hex 7A6CF6 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
#7A6CF6 }
```

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

```
.border{ border-color:#7A6CF6 }
```

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

Here you see how a box with a 4 pixel #7A6CF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A6CF6; -webkit-box-shadow:4px 4px  
4px 4px #7A6CF6; box-shadow:4px 4px 4px  
4px #7A6CF6 }
```

# Background

The CSS property to change the background color of an element to Hex 7A6CF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A6CF6 }
```

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

```
.background{ background-color:#7A6CF6 }
```

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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