

Converting Colors

Hex(7C6FC3)

Have a look what the booklet for
Hex(7C6FC3) contains.

Hex(7C6FC3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7C6FC3)

Conversions

Conversions Part 1

Format	Color
Hex	7C6FC3
RGB	124, 111, 195
RGB Percent	49%, 44%, 76%
CMY	0.5137, 0.5647, 0.2353
CMYK	0.36, 0.43, 0.00, 0.24
HSL	249°, 41%, 60%
HSV	249°, 43%, 76%
XYZ	23.8469, 19.5941, 54.1549
YIQ	124.4630, -19.2160, 28.8800

Conversions

Conversions Part 2

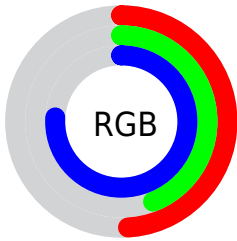
Format	Color
RYB	124, 111, 195
Decimal	8155075
CIELab	51.38, 24.95, -42.30
CIELCh	51, 49.105, 300.531
Yxy	19.5941, 0.2443, 0.2008
Android (android.graphics.Color)	4286345155 (0xFF7C6FC3)
YUV	124.4630, 34.7747, -0.4061
Hunter-Lab	44.2652, 18.6990, -41.5509

Details

The Hex color **7C6FC3** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B6C36F**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B3A3FC**, and **473F8D** is the 20% darker color. If you saturate the color by 10%, you get **6C5BC3**, and if you desaturate by 10%, it is **8C83C3**.

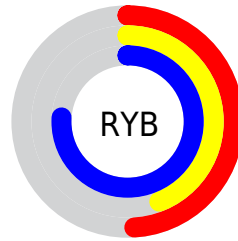
Distribution



Red (49%)

Green (44%)

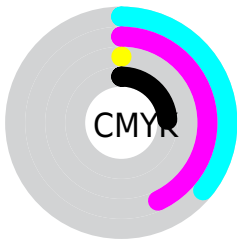
Blue (76%)



Red (49%)

Yellow (44%)

Blue (76%)

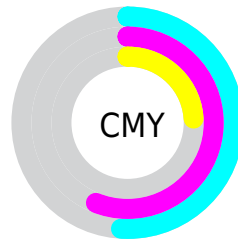


Cyan (36%)

Magenta (43%)

Yellow (0%)

Black (24%)



Cyan (51%)

Magenta (56%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C6FC3 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 7C6FC3 by changing the saturation by 10% instead.

■ 7C6FC3

■ 7C6FC3

FFFFFF

■ 6157A8

■ B3A3FC

■ 473F8D

■ CFBEFF

■ 2C2973

■ ECDAFF

■ 0A145A

■ FFF6FF

■ 000042

■ 00032B

■ 000115

■ 000000

■ 7C6FC3

■ 7C6FC3

6C5BC3

8C83C3

5B48C3

9D96C3

4B35C3

ADAAC3

3A21C3

BEBDC3

2A0EC3

CED0C3

1E00C3

DFE4C3

EFF7C3

FFFFC3

Harmonies

Analogous

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



007FCE



7C6FC3



AE5EA4

Triad

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



7C6FC3



B16930



008F7A

Complementary

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



7C6FC3



B6C36F

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.



278B4F



7C6FC3



90791F

Square

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



7C6FC3



C45952



66842D



008EA4

Rectangle

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



7C6FC3



C0558A



66842D



008E6B

Sweetspot

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



7C6FC3



E1DCFC



6FB6C3



6E6B80



000000



808080

Same Dimension

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



7C6FC3



8D79FC



A66FC3



595761



1900A1



050021

Inverse Universe

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



C36FB6



FC79E8



8CC36F



61575F



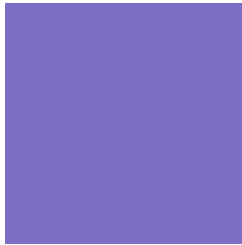
A10088



21001C

Previews

White Background



This preview shows how the Hex color 7C6FC3 looks on a white background.

Color Contrast Check

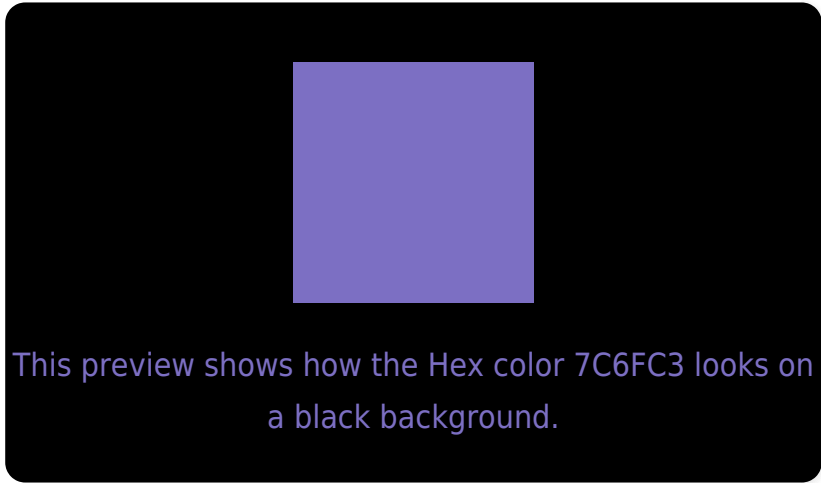
Large Text (above 18pt) WCAG AA ✓ Pass

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

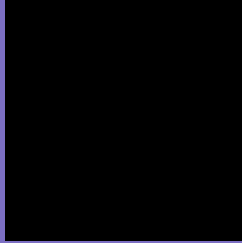
Any Text WCAG AA ✓ Pass

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 7C6FC3 Background



This preview shows how black text looks on a background with the Hex color 7C6FC3.

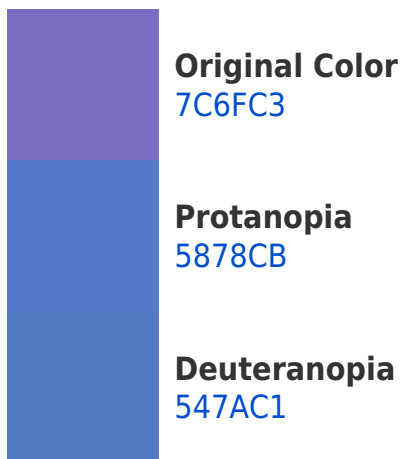


This preview shows how white text looks on a background with the Hex color 7C6FC3.

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
6E7C86

Trichromacy



Original Color
7C6FC3

Protanomaly
6575C8

Deuteranomaly
6376C2

Tritanomaly
73779C

Monochromacy



Original Color
7C6FC3

Achromatopsia
7C7C7C

Achromatomaly
7C7796

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C6FC3 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 #7C6FC3 looks like.

```
.text, #text, p{  
    color:#7C6FC3  
}
```

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 #7C6FC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C6FC3
}
```

Border

The CSS property to change the border of an element to Hex 7C6FC3 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
#7C6FC3 }
```

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

```
.border{ border-color:#7C6FC3 }
```

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

Here you see how a box with a 4 pixel #7C6FC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C6FC3; -webkit-box-shadow:4px 4px  
4px 4px #7C6FC3; box-shadow:4px 4px 4px  
4px #7C6FC3 }
```

Background

The CSS property to change the background color of an element to Hex 7C6FC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C6FC3 }
```

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

```
.background{ background-color:#7C6FC3 }
```

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