

Converting Colors

Hex(771ED6)

Have a look what the booklet for
Hex(771ED6) contains.

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Color

Hex(771ED6)

Conversions

Conversions Part 1

Format	Color
Hex	771ED6
RGB	119, 30, 214
RGB Percent	47%, 12%, 84%
CMY	0.5333, 0.8824, 0.1608
CMYK	0.44, 0.86, 0.00, 0.16
HSL	269°, 75%, 48%
HSV	269°, 86%, 84%
XYZ	20.2096, 9.7055, 64.4265
YIQ	77.5870, -6.0200, 76.0920

Conversions

Conversions Part 2

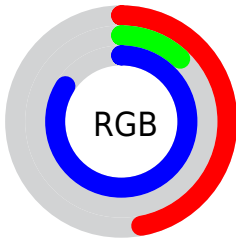
Format	Color
R _Y B	119, 30, 214
Decimal	7806678
CIE Lab	37.31, 68.65, -75.99
CIE LCh	37, 102.412, 312.094
Yxy	9.7055, 0.2142, 0.1029
Android (android.graphics.Color)	4285996758 (0xFF771ED6)
YUV	77.5870, 67.2516, 36.3192
Hunter-Lab	31.1537, 61.2753, -100.8054

Details

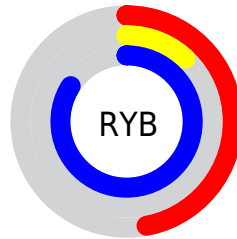
The Hex color **771ED6** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **7DD61E**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **B359FF**, and **37009E** is the 20% darker color. If you saturate the color by 10%, you get **6C09D6**, and if you desaturate by 10%, it is **8233D6**.

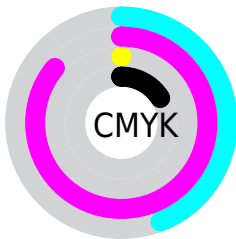
Distribution



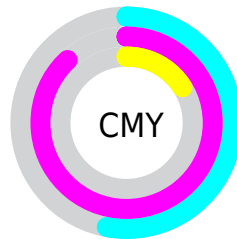
- Red (47%)
- Green (12%)
- Blue (84%)



- Red (47%)
- Yellow (12%)
- Blue (84%)



- Cyan (44%)
- Magenta (86%)
- Yellow (0%)
- Black (16%)



- Cyan (53%)
- Magenta (88%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 771ED6 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 771ED6 by changing the saturation by 10% instead.

771ED6

771ED6

FFFFFF

5800BA

B359FF

37009E

D175FF

010083

F091FF

000069

FFADFF

00004F

FFCAFF

000537

FFE7FF

000221

000006

000000

■ 771ED6

■ 771ED6

■ 6C09D6

■ 8233D6

■ 6800D6

■ 8D49D6

■ 985ED6

■ A374D6

■ AE89D6

■ B99ED6

■ C4B4D6

■ CFC9D6

■ DADFD6

Harmonies

Analogous

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



005BFF



771ED6



C9008D

Triad

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



771ED6



934000



007479

Complementary

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



771ED6



7DD61E

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.



00711E



771ED6



4D5F00

Square

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



771ED6



C50000



006C00



0075C8

Rectangle

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



771ED6



DB0057



006C00



00735C

Sweetspot

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



771ED6



DDBDFF



1E7DD6



6B5880



000000



808080

Same Dimension

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



771ED6



7B00FF



D31ED6



66606B



5300AB



15002B

Inverse Universe

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



D61E7D



FF0084



21D61E



6B6066



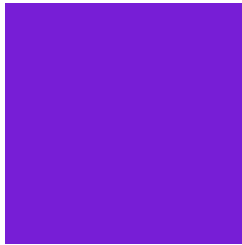
AB0058



2B0016

Previews

White Background



This preview shows how the Hex color 771ED6 looks on a white 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

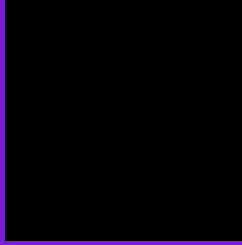
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 771ED6 Background



This preview shows how black text looks on a background with the Hex color 771ED6.



This preview shows how white text looks on a background with the Hex color 771ED6.

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



Original Color
771ED6

Protanopia
0055B3

Deuteranopia
005B9A



Tritanopia
5A575E

Trichromacy



Original Color
771ED6



Protanomaly
2B41C0



Deuteranomaly
2B45B0



Tritanomaly
65428A

Monochromacy



Original Color
771ED6



Achromatopsia
4E4E4E



Achromatomaly
5D3D7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 771ED6 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 #771ED6 looks like.

```
.text, #text, p{  
    color:#771ED6  
}
```

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 #771ED6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #771ED6
}
```

Border

The CSS property to change the border of an element to Hex 771ED6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

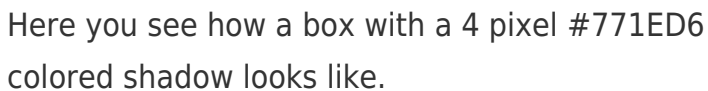
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#771ED6 }
```

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

```
.border{ border-color:#771ED6 }
```

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



Here you see how a box with a 4 pixel `#771ED6` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #771ED6; -webkit-box-shadow:4px 4px  
4px 4px #771ED6; box-shadow:4px 4px 4px  
4px #771ED6 }
```

Background

The CSS property to change the background color of an element to Hex 771ED6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#771ED6 }
```

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

```
.background{ background-color:#771ED6 }
```

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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