

Converting Colors

Hex(701FFF)

Have a look what the booklet for
Hex(701FFF) contains.

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Color

Hex(701FFF)

Conversions

Conversions Part 1

Format	Color
Hex	701FFF
RGB	112, 31, 255
RGB Percent	44%, 12%, 100%
CMY	0.5608, 0.8784, 0.0000
CMYK	0.56, 0.88, 0.00, 0.00
HSL	262°, 100%, 56%
HSV	262°, 88%, 100%
XYZ	25.2221, 11.6447, 95.5260
YIQ	80.7550, -23.6280, 86.8360

Conversions

Conversions Part 2

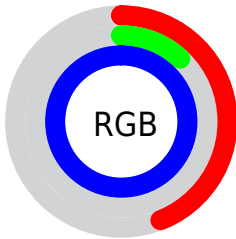
Format	Color
R _Y B	112, 31, 255
Decimal	7348223
CIE Lab	40.65, 77.14, -93.80
CIE LCh	41, 121.445, 309.435
Yxy	11.6447, 0.1905, 0.0880
Android (android.graphics.Color)	4285538303 (0xFF701FFF)
YUV	80.7550, 85.9028, 27.4019
Hunter-Lab	34.1244, 72.2157, -142.0865

Details

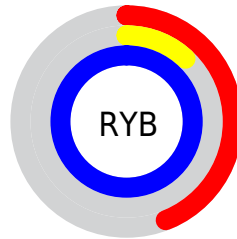
The Hex color **701FFF** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **AEFF1F**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **B15CFF**, and **1800C5** is the 20% darker color. If you saturate the color by 10%, you get **6006FF**, and if you desaturate by 10%, it is **8039FF**.

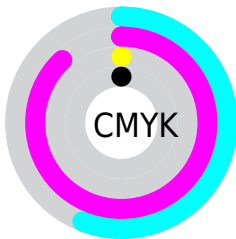
Distribution



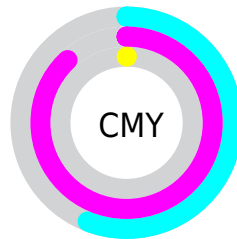
- Red (44%)
- Green (12%)
- Blue (100%)



- Red (44%)
- Yellow (12%)
- Blue (100%)



- Cyan (56%)
- Magenta (88%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (88%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 701FFF 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 701FFF by changing the saturation by 10% instead.

 701FFF

 701FFF

FFFFFF

 4C00E1

 B15CFF

 1800C5

 D178FF

 0000A8

 F194FF

 00008D

 FFB1FF

 000072

 FFCEFF

 000D58

 FFE8FF

 000740

 000329

 000113


 701FFF

 701FFF

 6006FF

 8039FF

 5C00FF

 9152FF

 A16BFF

 B185FF

 C19FFF

 D2B8FF

 E2D2FF

 F2EBFF

FFFFFF

Harmonies

Analogous

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



0069FF



701FFF



E200A8

Triad

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



701FFF



AA3C00



007F7F

Complementary

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



701FFF



AEFF1F

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.



007C04



701FFF



596700

Square

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



701FFF



E40000



007700



0082E0

Rectangle

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



701FFF



FA0067



007700



007E5C

Sweetspot

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



701FFF



D5BDFF



1FB1FF



665880



000000



808080

Same Dimension

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



701FFF



5C00FF



DD1FFF



777380



4500BF



170040

Inverse Universe

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



FF1FAE



FF00A3



41FF1F



80737B



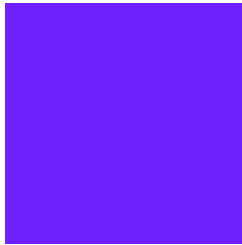
BF007A



400029

Previews

White Background



This preview shows how the Hex color 701FFF looks on a white background.

Color Contrast Check

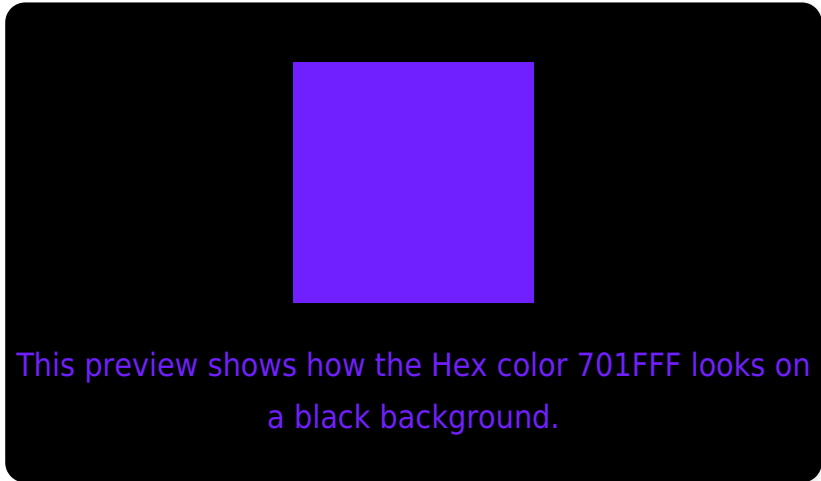
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

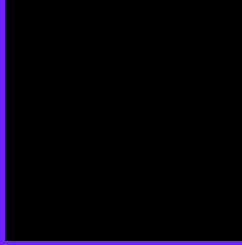
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 701FFF Background



This preview shows how black text looks on a background with the Hex color 701FFF.



This preview shows how white text looks on a background with the Hex color 701FFF.

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



Trichromacy



Original Color
701FFF

Protanomaly
2946D8

Tritanomaly
4E4CA3

Monochromacy



Original Color
701FFF

Achromatopsia
515151

Achromatomaly
5C3F90

CSS Examples

Text

The CSS property to change the color of the text to Hex 701FFF 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 #701FFF looks like.

```
.text, #text, p{  
    color:#701FFF  
}
```

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 #701FFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #701FFF
}
```

Border

The CSS property to change the border of an element to Hex 701FFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

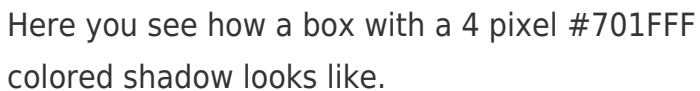
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#701FFF }
```

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

```
.border{ border-color:#701FFF }
```

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



Here you see how a box with a 4 pixel #701FFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #701FFF; -webkit-box-shadow:4px 4px  
4px 4px #701FFF; box-shadow:4px 4px 4px  
4px #701FFF }
```

Background

The CSS property to change the background color of an element to Hex 701FFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#701FFF }
```

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

```
.background{ background-color:#701FFF }
```

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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