

Converting Colors

Hex(7516FF)

Have a look what the booklet for
Hex(7516FF) contains.

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Color

Hex(7516FF)

Conversions

Conversions Part 1

Format	Color
Hex	7516FF
RGB	117, 22, 255
RGB Percent	46%, 9%, 100%
CMY	0.5412, 0.9137, 0.0000
CMYK	0.54, 0.91, 0.00, 0.00
HSL	264°, 100%, 54%
HSV	264°, 91%, 100%
XYZ	25.6730, 11.5757, 95.4890
YIQ	76.9670, -18.1730, 92.6030

Conversions

Conversions Part 2

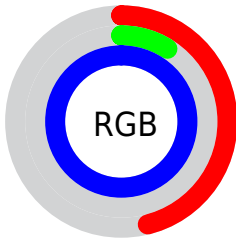
Format	Color
R_{YB}	117, 22, 255
Decimal	7673599
CIE _{Lab}	40.53, 79.53, -93.97
CIE _{LCh}	41, 123.103, 310.243
Yxy	11.5757, 0.1934, 0.0872
Android (android.graphics.Color)	4285863679 (0xFF7516FF)
YUV	76.9670, 87.7703, 35.1089
Hunter-Lab	34.0231, 75.1513, -142.5866

Details

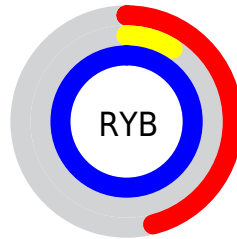
The Hex color **7516FF** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **A0FF16**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **B658FF**, and **2400C5** is the 20% darker color. If you saturate the color by 10%, you get **6800FF**, and if you desaturate by 10%, it is **8430FF**.

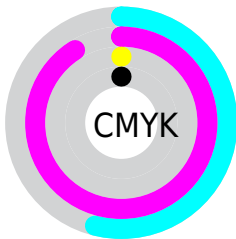
Distribution



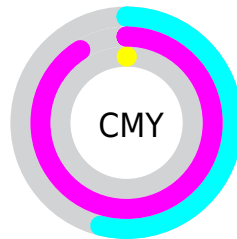
- Red (46%)
- Green (9%)
- Blue (100%)



- Red (46%)
- Yellow (9%)
- Blue (100%)



- Cyan (54%)
- Magenta (91%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (91%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7516FF 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 7516FF by changing the saturation by 10% instead.

 7516FF

 7516FF

FFFFFF

 5200E1

 B658FF

 2400C5

 D675FF

 0000A8

 F591FF

 00008D

 FFAEFF

 000072

 FFCBFF

 000C58

 FFE8FF

 000740

 000329

 000113

 7516FF

 7516FF

 6800FF

 8430FF

 9349FF

 A262FF

 B17CFF

 C195FF

 D0AFFF

 DFC9FF

 EEE2FF

 FDFBFF

Harmonies

Analogous

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



0068FF



7516FF



E500A6

Triad

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



7516FF



A93D00



007F82

Complementary

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



7516FF



A0FF16

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.



007C08



7516FF



556700

Square

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



7516FF



E30000



007700



0082E4

Rectangle

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



7516FF



FC0064



007700



007E5E

Sweetspot

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



7516FF



D6BAFF



16A2FF



675780



000000



808080

Same Dimension

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



7516FF



6800FF



E816FF



787380



4E00BF



1A0040

Inverse Universe

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



FF16A0



FF0097



2DFF16



80737A



BF0071



400026

Previews

White Background



This preview shows how the Hex color 7516FF looks on a white background.

Color Contrast Check

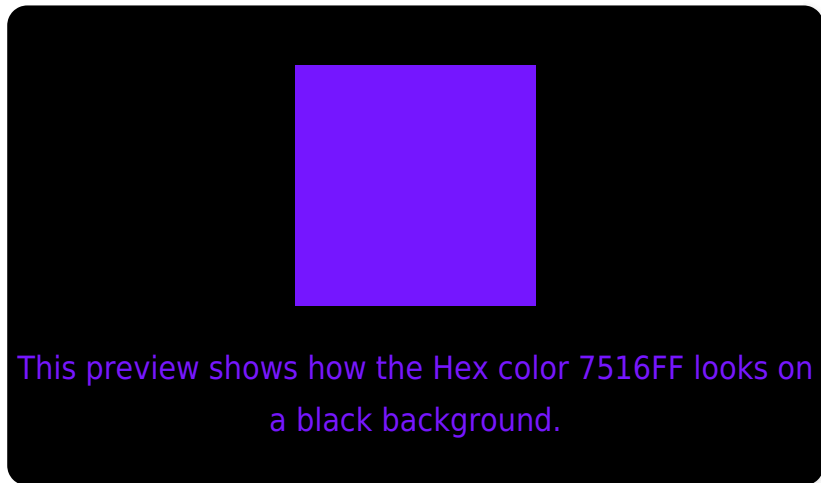
Large Text (above 18pt) WCAG AA ✓ Pass

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

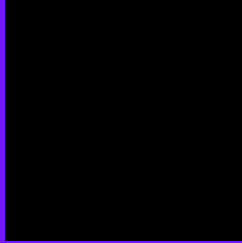
Any Text WCAG AA × Fail

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 7516FF Background



This preview shows how black text looks on a background with the Hex color 7516FF.

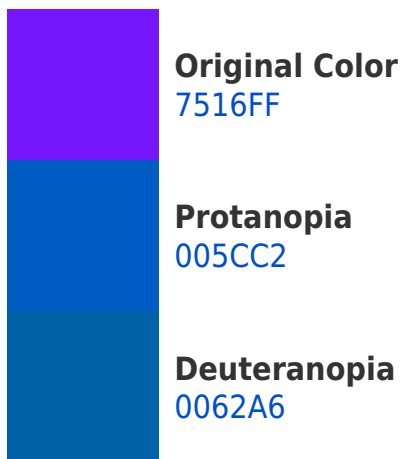



This preview shows how white text looks on a background with the Hex color 7516FF.

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
44656D

Trichromacy



Original Color

7516FF



Protanomaly

2B43D8



Deuteranomaly

2B46C6



Tritanomaly

5648A2

Monochromacy



Original Color

7516FF



Achromatopsia

4D4D4D



Achromatomaly

5C398E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7516FF 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 #7516FF looks like.

```
.text, #text, p{  
    color:#7516FF  
}
```

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 #7516FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7516FF
}
```

Border

The CSS property to change the border of an element to Hex 7516FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

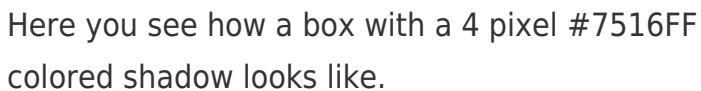
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7516FF }
```

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

```
.border{ border-color:#7516FF }
```

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



Here you see how a box with a 4 pixel #7516FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7516FF; -webkit-box-shadow:4px 4px  
4px 4px #7516FF; box-shadow:4px 4px 4px  
4px #7516FF }
```

Background

The CSS property to change the background color of an element to Hex 7516FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7516FF }
```

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

```
.background{ background-color:#7516FF }
```

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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