

Converting Colors

Hex(764AFF)

Have a look what the booklet for
Hex(764AFF) contains.

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Color

Hex(764AFF)

Conversions

Conversions Part 1

Format	Color
Hex	764AFF
RGB	118, 74, 255
RGB Percent	46%, 29%, 100%
CMY	0.5373, 0.7098, 0.0000
CMYK	0.54, 0.71, 0.00, 0.00
HSL	255°, 100%, 65%
HSV	255°, 71%, 100%
XYZ	27.9700, 15.9691, 96.2159
YIQ	107.7900, -31.8770, 65.6190

Conversions

Conversions Part 2

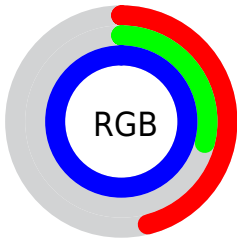
Format	Color
R _Y B	118, 74, 255
Decimal	7752447
CIE Lab	46.93, 61.31, -83.42
CIE LCh	47, 103.521, 306.314
Yxy	15.9691, 0.1996, 0.1139
Android (android.graphics.Color)	4285942527 (0xFF764AFF)
YUV	107.7900, 72.5745, 8.9542
Hunter-Lab	39.9614, 55.0044, -114.7809

Details

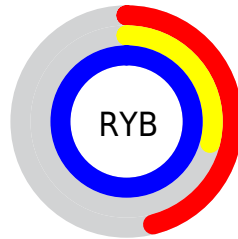
The Hex color **764AFF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **D3FF4A**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **B57EFF**, and **2C14C5** is the 20% darker color. If you saturate the color by 10%, you get **6331FF**, and if you desaturate by 10%, it is **8964FF**.

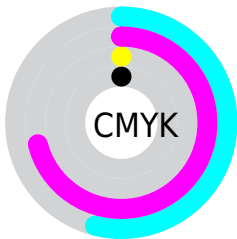
Distribution



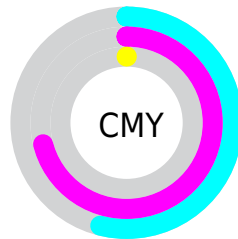
- Red (46%)
- Green (29%)
- Blue (100%)



- Red (46%)
- Yellow (29%)
- Blue (100%)



- Cyan (54%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (71%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 764AFF 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 764AFF by changing the saturation by 10% instead.

 764AFF

 764AFF

FFFFFF

 5530E2

 B57EFF

 2C14C5

 D499FF

 0000A9

 F3B5FF

 00008D

 FFD1FF


 000073

 FFE0FF

 000959

 000740

 000329

 000114

 764AFF

 764AFF

 6331FF

 8964FF

 4F17FF

 9D7DFF

 3E00FF

 B097FF

 C3B0FF

 D7CAFF

 EAE3FF

 FDFDFF

FFFFFF

Harmonies

Analogous

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



0078FF



764AFF



DE00B7

Triad

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



764AFF



BD4D00



008F80

Complementary

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



764AFF



D3FF4A

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.



008C1E



764AFF



787300

Square

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



764AFF



ED0005



008400



0090D6

Rectangle

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



764AFF



F9007E



008400



008E62

Sweetspot

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



764AFF



D6C9FF



4AD5FF



676080



000000



808080

Same Dimension

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



764AFF



5B26FF



CF4AFF



767380



2E00BF



0F0040

Inverse Universe

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



FF4AD3



FF26CA



7AFF4A



80737C



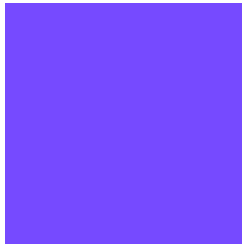
BF0091



400030

Previews

White Background



This preview shows how the Hex color 764AFF 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

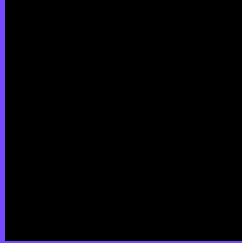
Any Text WCAG AA × Fail

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 764AFF Background



This preview shows how black text looks on a background with the Hex color 764AFF.




This preview shows how white text looks on a background with the Hex color 764AFF.

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](#).

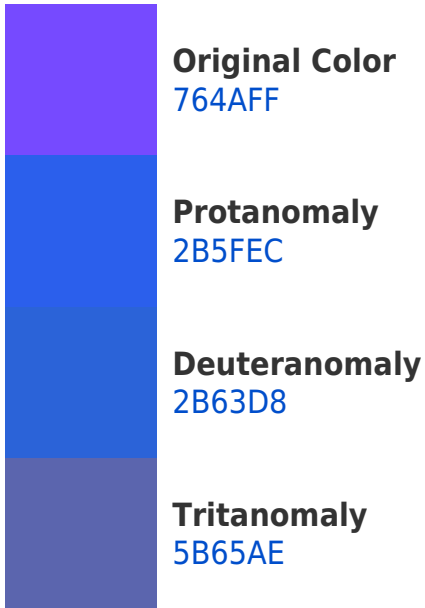
Dichromacy



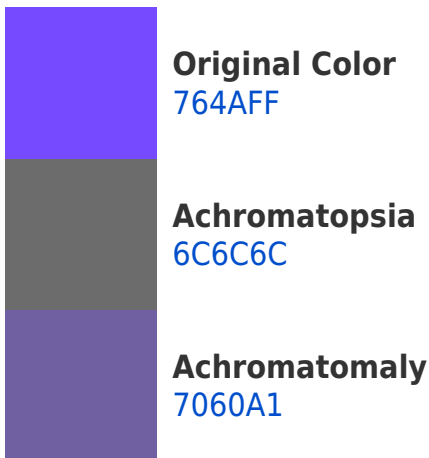


Tritanopia
4B757F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 764AFF 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 #764AFF looks like.

```
.text, #text, p{  
  color:#764AFF  
}
```

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 #764AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #764AFF
}
```

Border

The CSS property to change the border of an element to Hex 764AFF 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
#764AFF }
```

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

```
.border{ border-color:#764AFF }
```

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

Here you see how a box with a 4 pixel #764AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #764AFF; -webkit-box-shadow:4px 4px  
4px 4px #764AFF; box-shadow:4px 4px 4px  
4px #764AFF }
```

Background

The CSS property to change the background color of an element to Hex 764AFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#764AFF }
```

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

```
.background{ background-color:#764AFF }
```

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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