

# Converting Colors

Hex(754DFF)

Have a look what the booklet for  
Hex(754DFF) contains.

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**Color**

**Hex(754DFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	754DFF
RGB	117, 77, 255
RGB Percent	46%, 30%, 100%
CMY	0.5412, 0.6980, 0.0000
CMYK	0.54, 0.70, 0.00, 0.00
HSL	253°, 100%, 65%
HSV	253°, 70%, 100%
XYZ	28.0400, 16.3097, 96.2780
YIQ	109.2520, -33.2980, 63.8380

# Conversions

## Conversions Part 2

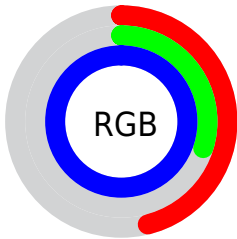
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	117, 77, 255
Decimal	7687679
CIE Lab	47.38, 59.67, -82.69
CIE LCh	47, 101.972, 305.814
Yxy	16.3097, 0.1994, 0.1160
Android (android.graphics.Color)	4285877759 (0xFF754DFF)
YUV	109.2520, 71.8538, 6.7950
Hunter-Lab	40.3852, 53.2608, -113.0771

# Details

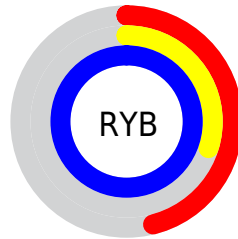
The Hex color **754DFF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **D7FF4D**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **B481FF**, and **2B19C5** is the 20% darker color. If you saturate the color by 10%, you get **6134FF**, and if you desaturate by 10%, it is **8967FF**.

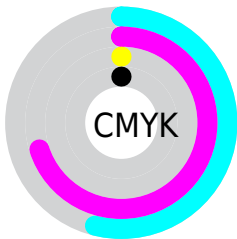
# Distribution



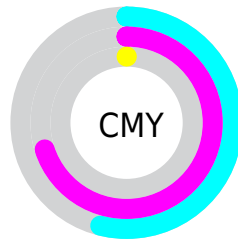
- Red (46%)
- Green (30%)
- Blue (100%)



- Red (46%)
- Yellow (30%)
- Blue (100%)



- Cyan (54%)
- Magenta (70%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (70%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 754DFF 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 754DFF by changing the saturation by 10% instead.



 754DFF

 754DFF

FFFFFF

 5433E2

 B481FF

 2B19C5

 D39CFF

 0000A9

 F2B8FF

 00008D

 FFD4FF

 000073

 FFF1FF

 000959


 000741

 00032A

 000114

 754DFF

 754DFF

 6134FF

 8967FF

 4D1AFF

 9D80FF

 3A01FF

 B09AFF

 3900FF

 C4B3FF

 D8CDFF

 ECE6FF

FFFFFF

# Harmonies

## Analogous

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



0079FF



754DFF



DD00B9

# Triad

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



754DFF



BF4E00



009080

# Complementary

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



754DFF



D7FF4D

# 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.



008D1F



754DFF



7B7300

# Square

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



754DFF



EE000B



008500



0091D5

# Rectangle

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



754DFF



F80081



008500



008F61



# Sweetspot

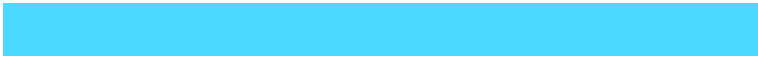
The Sweet Spot groups the original color and five complimentary colors.



754DFF



D5C9FF



4DD8FF



676080



000000



808080



# Same Dimension

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



754DFF



5929FF



CD4DFF



767380



2B00BF



0E0040



# Inverse Universe

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



FF4DD7



FF29CF



7FFF4D



80737D



BF0094

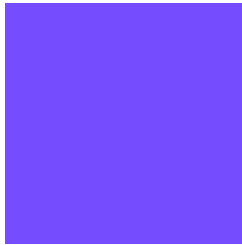


400031



# Previews

## White Background



This preview shows how the Hex color 754DFF looks on a white background.

## Color Contrast Check

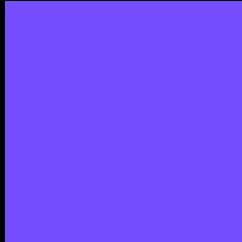
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 754DFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

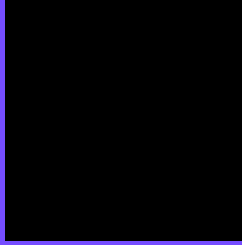
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 754DFF Background



This preview shows how black text looks on a background with the Hex color 754DFF.

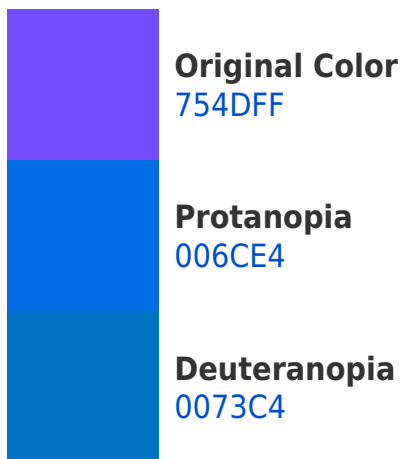


This preview shows how white text looks on a background with the Hex color 754DFF.

# 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



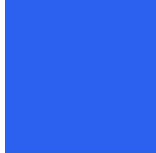


**Tritanopia**  
4A7780

# Trichromacy



**Original Color**  
754DFF



**Protanomaly**  
2B61EE



**Deuteranomaly**  
2B65D9



**Tritanomaly**  
5A68AE

# Monochromacy



**Original Color**  
754DFF



**Achromatopsia**  
6D6D6D



**Achromatomaly**  
7061A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 754DFF 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 #754DFF looks like.

```
.text, #text, p{  
    color:#754DFF  
}
```

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 #754DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #754DFF
}
```

## Border

The CSS property to change the border of an element to Hex 754DFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

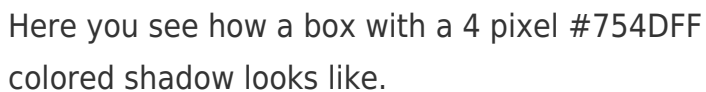
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#754DFF }
```

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

```
.border{ border-color:#754DFF }
```

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



Here you see how a box with a 4 pixel #754DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #754DFF; -webkit-box-shadow:4px 4px  
4px 4px #754DFF; box-shadow:4px 4px 4px  
4px #754DFF }
```

# Background

The CSS property to change the background color of an element to Hex 754DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#754DFF }
```

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

```
.background{ background-color:#754DFF }
```

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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