

Converting Colors

Hex(744BFF)

Have a look what the booklet for
Hex(744BFF) contains.

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Color

Hex(744BFF)

Conversions

Conversions Part 1

Format	Color
Hex	744BFF
RGB	116, 75, 255
RGB Percent	45%, 29%, 100%
CMY	0.5451, 0.7059, 0.0000
CMYK	0.55, 0.71, 0.00, 0.00
HSL	254°, 100%, 65%
HSV	254°, 71%, 100%
XYZ	27.7685, 15.9652, 96.2258
YIQ	107.7790, -33.3440, 64.6720

Conversions

Conversions Part 2

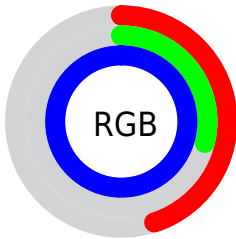
Format	Color
RYB	116, 75, 255
Decimal	7621631
CIELab	46.93, 60.53, -83.43
CIElCh	47, 103.075, 305.961
Yxy	15.9652, 0.1984, 0.1141
Android (android.graphics.Color)	4285811711 (0xFF744BFF)
YUV	107.7790, 72.5800, 7.2098
Hunter-Lab	39.9564, 54.1285, -114.8167

Details

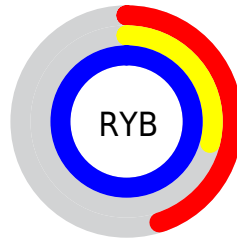
The Hex color **744BFF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **D6FF4B**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **B37FFF**, and **2916C5** is the 20% darker color. If you saturate the color by 10%, you get **6032FF**, and if you desaturate by 10%, it is **8865FF**.

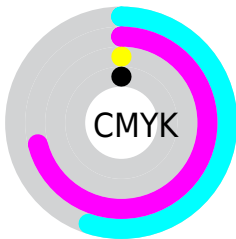
Distribution



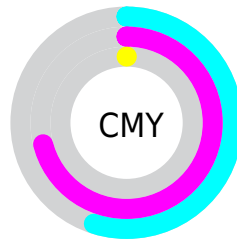
- Red (45%)
- Green (29%)
- Blue (100%)



- Red (45%)
- Yellow (29%)
- Blue (100%)



- Cyan (55%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (71%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 744BFF 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 744BFF by changing the saturation by 10% instead.

 744BFF

 744BFF

FFFFFF

 5231E2

 B37FFF

 2916C5

 D29AFF

 0000A9

 F1B6FF

 00008D

 FFD2FF

 000073

 FFEFFF

 000A59

 000740

 000329

 000114

 744BFF

 744BFF

 6032FF

 8865FF

 4D18FF

 9B7EFF

 3A00FF

 AF98FF

 C3B1FF

 D6CBFF

 EAE4FF

FEFEFF

FFFFFF

Harmonies

Analogous

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



0078FF



744BFF



DD00B8

Triad

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



744BFF



BD4C00



008F7F

Complementary

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



744BFF



D6FF4B

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.



008B1D



744BFF



797200

Square

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



744BFF



ED0007



008400



0090D5

Rectangle

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



744BFF



F8007F



008400



008E61

Sweetspot

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



744BFF



D6C9FF



4BD8FF



676080



000000



808080

Same Dimension

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



744BFF



5826FF



CC4BFF



767380



2C00BF



0F0040

Inverse Universe

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



FF4BD6



FF26CE



7EFF4B



80737D



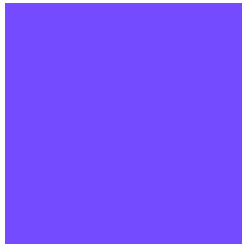
BF0094



400031

Previews

White Background



This preview shows how the Hex color 744BFF looks on a white background.

Color Contrast Check

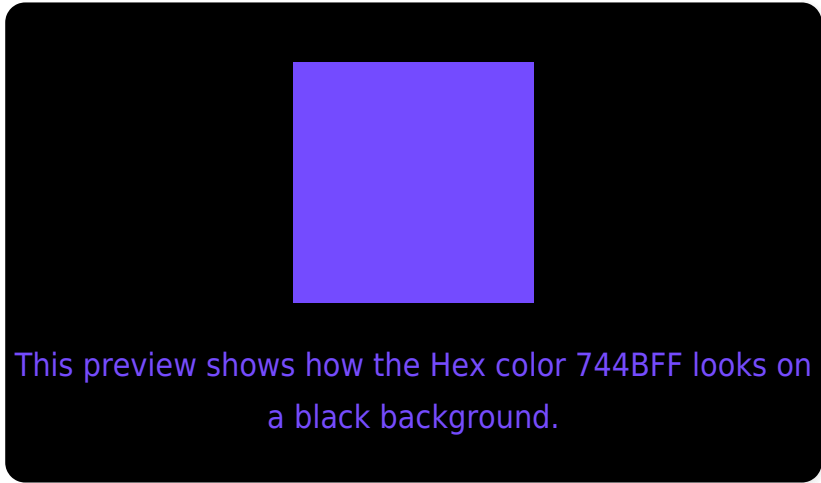
Large Text (above 18pt) WCAG AA ✓ Pass

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

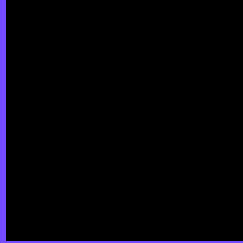
Any Text WCAG AA × Fail

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 744BFF Background



This preview shows how black text looks on a background with the Hex color 744BFF.

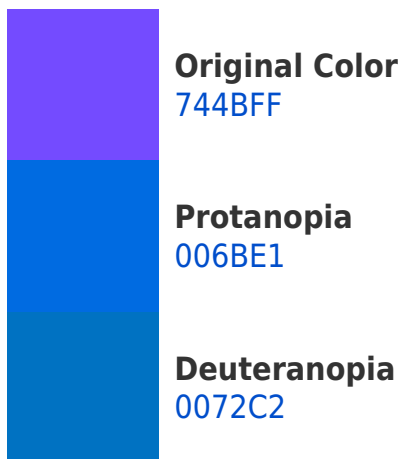



This preview shows how white text looks on a background with the Hex color 744BFF.

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
48767F

Trichromacy



Original Color

744BFF



Protanomaly

2A5FEC



Deuteranomaly

2A64D8



Tritanomaly

5866AE

Monochromacy



Original Color

744BFF



Achromatopsia

6C6C6C



Achromatomaly

6F60A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 744BFF 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 #744BFF looks like.

```
.text, #text, p{  
  color:#744BFF  
}
```

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 #744BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #744BFF
}
```

Border

The CSS property to change the border of an element to Hex 744BFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

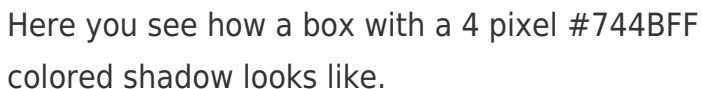
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#744BFF }
```

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

```
.border{ border-color:#744BFF }
```

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



Here you see how a box with a 4 pixel #744BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #744BFF; -webkit-box-shadow:4px 4px  
4px 4px #744BFF; box-shadow:4px 4px 4px  
4px #744BFF }
```

Background

The CSS property to change the background color of an element to Hex 744BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#744BFF }
```

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

```
.background{ background-color:#744BFF }
```

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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