

Converting Colors

Hex(744CFE)

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

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Color

Hex(744CFE)

Conversions

Conversions Part 1

Format	Color
Hex	744CFE
RGB	116, 76, 254
RGB Percent	45%, 30%, 100%
CMY	0.5451, 0.7020, 0.0039
CMYK	0.54, 0.70, 0.00, 0.00
HSL	253°, 99%, 65%
HSV	253°, 70%, 100%
XYZ	27.6763, 16.0376, 95.4028
YIQ	108.2520, -33.2980, 63.8380

Conversions

Conversions Part 2

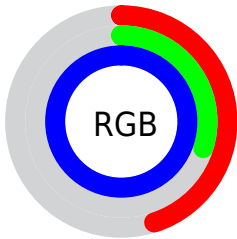
Format	Color
RYB	116, 76, 254
Decimal	7621886
CIELab	47.02, 59.75, -82.72
CIELCh	47, 102.042, 305.842
Yxy	16.0376, 0.1989, 0.1153
Android (android.graphics.Color)	4285811966 (0xFF744CFE)
YUV	108.2520, 71.8538, 6.7950
Hunter-Lab	40.0470, 53.2781, -113.2118

Details

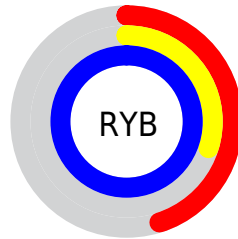
The Hex color **744CFE** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **D6FE4C**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B380FF**, and **2A18C4** is the 20% darker color. If you saturate the color by 10%, you get **6033FE**, and if you desaturate by 10%, it is **8865FE**.

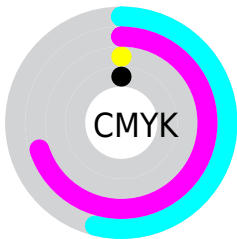
Distribution



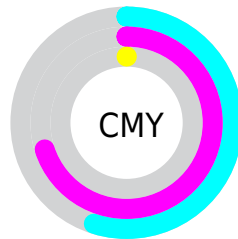
- Red (45%)
- Green (30%)
- Blue (100%)



- Red (45%)
- Yellow (30%)
- Blue (100%)



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



- Cyan (55%)
- Magenta (70%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 744CFE

 744CFE

FFFFFF

 5232E1

 B380FF

 2A18C4

 D29BFF

 0000A8

 F1B7FF

 00008C

 FFD3FF

 000072

 FFF0FF

 000A58

 000740

 000329

 000113

 744CFE

 744CFE

 6033FE

 8865FE

 4D19FE

 9B7FFE

 3900FE

 AF98FE

 C3B2FE

 D6CBFE

 EAE4FE

 FEFEFE

 FFFFFE

Harmonies

Analogous

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



0078FF



744CFE



DC00B8

Triad

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



744CFE



BE4D00



008F7F

Complementary

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



744CFE



D6FE4C

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



744CFE



7A7200

Square

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



744CFE



EC000A



008400



0090D4

Rectangle

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



744CFE



F70080



008400



008E61

Sweetspot

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



744CFE



D5C9FF



4CD7FE



676080



000000



808080

Same Dimension

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



744CFE



5929FF



CC4CFE



767380



2B00BF



0E0040

Inverse Universe

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



FE4CD6



FF29CF



7EFE4C



80737D



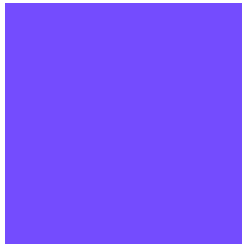
BF0094



400031

Previews

White Background



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

Color Contrast Check

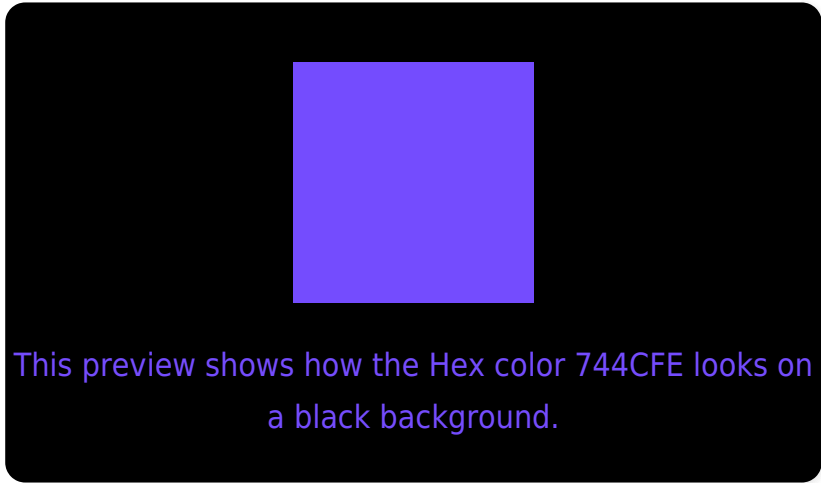
Large Text (above 18pt) WCAG AA ✓ Pass

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

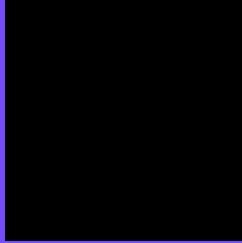
Any Text WCAG AA × Fail

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 744CFE Background



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



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

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](#).

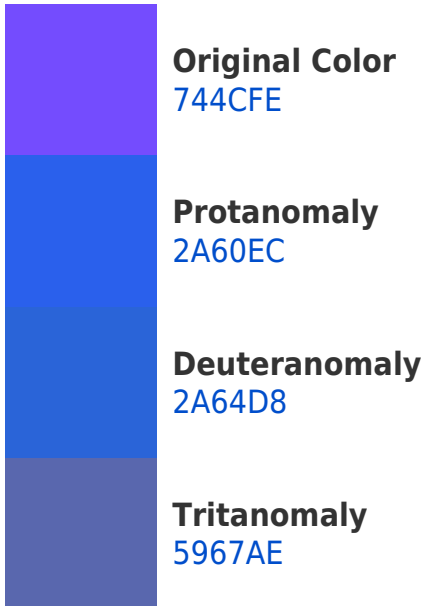
Dichromacy



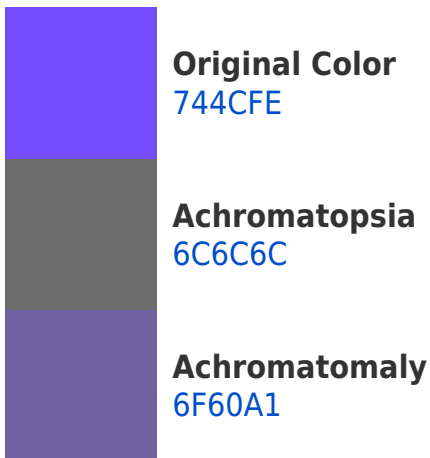


Tritanopia
497680

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #744CFE colored shadow looks like.

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

Border

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

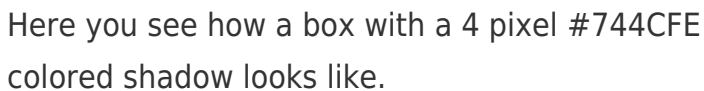
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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