

Converting Colors

Hex(794CFE)

Have a look what the booklet for
Hex(794CFE) contains.

Hex(794CFE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(794CFE)

Conversions

Conversions Part 1

Format	Color
Hex	794CFE
RGB	121, 76, 254
RGB Percent	47%, 30%, 100%
CMY	0.5255, 0.7020, 0.0039
CMYK	0.52, 0.70, 0.00, 0.00
HSL	255°, 99%, 65%
HSV	255°, 70%, 100%
XYZ	28.3590, 16.3896, 95.4348
YIQ	109.7470, -30.3180, 64.8980

Conversions

Conversions Part 2

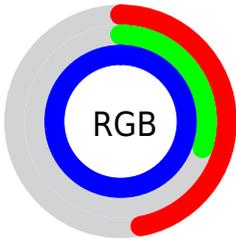
Format	Color
R_{YB}	121, 76, 254
Decimal	7949566
CIE _{Lab}	47.48, 60.48, -81.95
CIE _{LCh}	47, 101.852, 306.428
Yxy	16.3896, 0.2023, 0.1169
Android (android.graphics.Color)	4286139646 (0xFF794CFE)
YUV	109.7470, 71.1167, 9.8689
Hunter-Lab	40.4841, 54.1918, -111.4280

Details

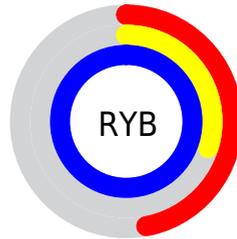
The Hex color **794CFE** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **D1FE4C**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **B780FF**, and **3217C4** is the 20% darker color. If you saturate the color by 10%, you get **6633FE**, and if you desaturate by 10%, it is **8C65FE**.

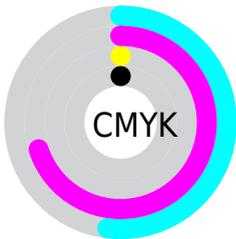
Distribution



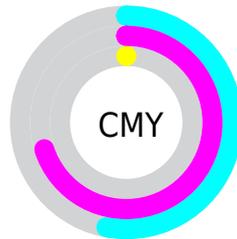
- Red (47%)
- Green (30%)
- Blue (100%)



- Red (47%)
- Yellow (30%)
- Blue (100%)



- Cyan (52%)
- Magenta (70%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (70%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 794CFE 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 794CFE by changing the saturation by 10% instead.

 794CFE

 794CFE

FFFFFF

 5832E1

 B780FF

 3217C4

 D69BFF

 0000A8

 F5B7FF

 00008C

 FFD3FF

 000072

 FFF0FF

 000858

 000740

 000329

 000113

 794CFE

 794CFE

 6633FE

 8C65FE

 5319FE

 9F7FFE

 4000FE

 B298FE

 C5B2FE

 D8CBFE

 EBE4FE

 FEFEFE

 FFFFFE

Harmonies

Analogous

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



0079FF



794CFE



DF00B7

Triad

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



794CFE



BE4F00



009082

Complementary

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



794CFE



D1FE4C

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.



008D22



794CFE



797400

Square

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



794CFE



ED0008



008500



0091D6

Rectangle

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



794CFE



F9007F



008500



008F64

Sweetspot

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



794CFE



D7C9FF



4CD2FE



686080



000000



808080

Same Dimension

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



794CFE



5F29FF



D24CFE



767380



3000BF



100040

Inverse Universe

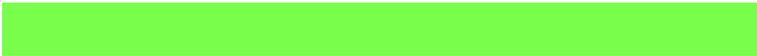
The Inverse Universe completely reimagines the original color for something new.



FE4CD1



FF29C9



79FE4C



80737C



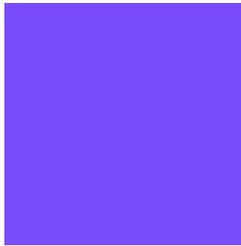
BF008F



400030

Previews

White Background



This preview shows how the Hex color 794CFE looks on a white background.

Color Contrast Check

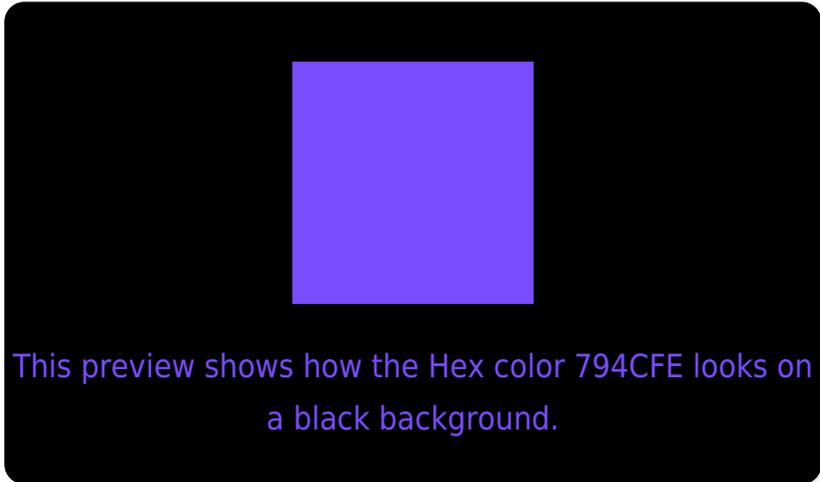
Large Text (above 18pt) WCAG AA ✓ Pass

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 794CFE Background



This preview shows how black text looks on a background with the Hex color 794CFE.



This preview shows how white text looks on a background with the Hex color 794CFE.

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](#).

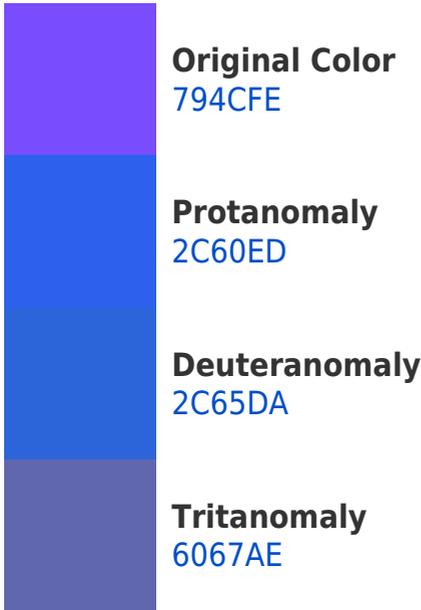
Dichromacy





Tritanopia
517680

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 794CFE 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 #794CFE looks like.

```
.text, #text, p{  
    color:#794CFE  
}
```

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 #794CFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #794CFE
}
```

Border

The CSS property to change the border of an element to Hex 794CFE 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
#794CFE }
```

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

```
.border{ border-color:#794CFE }
```

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

Here you see how a box with a 4 pixel #794CFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #794CFE; -webkit-box-shadow:4px 4px  
4px 4px #794CFE; box-shadow:4px 4px 4px  
4px #794CFE }
```

Background

The CSS property to change the background color of an element to Hex 794CFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#794CFE }
```

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

```
.background{ background-color:#794CFE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor