

Converting Colors

Hex(7D4DFA)

Have a look what the booklet for
Hex(7D4DFA) contains.

Hex(7D4DFA)	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(7D4DFA)

Conversions

Conversions Part 1

Format	Color
Hex	7D4DFA
RGB	125, 77, 250
RGB Percent	49%, 30%, 98%
CMY	0.5098, 0.6980, 0.0196
CMYK	0.50, 0.69, 0.00, 0.02
HSL	257°, 95%, 64%
HSV	257°, 69%, 98%
XYZ	28.3666, 16.5699, 92.1457
YIQ	111.0740, -26.9250, 63.9790

Conversions

Conversions Part 2

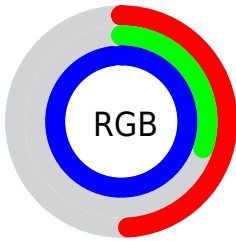
Format	Color
R _{YB}	125, 77, 250
Decimal	8211962
CIE Lab	47.71, 59.51, -79.33
CIE LCh	48, 99.168, 306.878
Yxy	16.5699, 0.2069, 0.1209
Android (android.graphics.Color)	4286402042 (0xFF7D4DFA)
YUV	111.0740, 68.4905, 12.2131
Hunter-Lab	40.7061, 53.1547, -105.7195

Details

The Hex color **7D4DFA** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **CAFA4D**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **BA81FF**, and **3A18C0** is the 20% darker color. If you saturate the color by 10%, you get **6B34FA**, and if you desaturate by 10%, it is **8F66FA**.

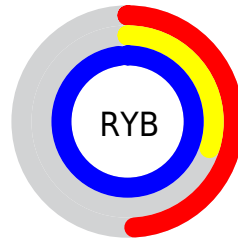
Distribution



Red (49%)

Green (30%)

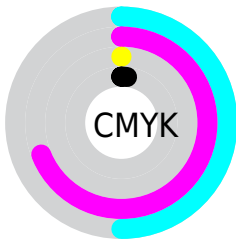
Blue (98%)



Red (49%)

Yellow (30%)

Blue (98%)

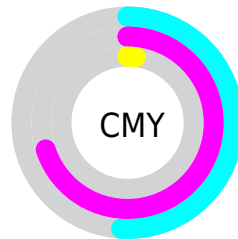


Cyan (50%)

Magenta (69%)

Yellow (0%)

Black (2%)



Cyan (51%)

Magenta (70%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D4DFA 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 7D4DFA by changing the saturation by 10% instead.

 7D4DFA

 7D4DFA

FFFFFF

 5D33DD

 BA81FF

 3A18C0

 D99CFF

 0000A4

 F8B8FF

 000089

 FFD4FF

 00006F

 FFF1FF

 000755

 00063D

 000326

 00010F

 7D4DFA

 7D4DFA

 6B34FA

 8F66FA

 591BFA

 A17FFA

 4702FA

 B398FA

 4500FA

 C5B1FA

 D7CAFA

 E9E3FA

 FBFCFA

 FFFFFA

Harmonies

Analogous

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



0078FF



7D4DFA



DE00B5

Triad

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



7D4DFA



BC5200



009083

Complementary

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



7D4DFA



CAFA4D

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.



008D27



7D4DFA



797500

Square

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



7D4DFA



EB000B



008600



0091D5

Rectangle

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



7D4DFA



F7007E



008600



009066

Sweetspot

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



7D4DFA



D8C9FF



4DCCFA



686080



000000



808080

Same Dimension

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



7D4DFA



662BFF



D24DFA



74707D



3400BD



11003D

Inverse Universe

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



FA4DCA



FF2BC4



75FA4D



7D7079



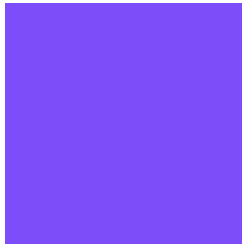
BD0088



3D002C

Previews

White Background



This preview shows how the Hex color 7D4DFA looks on a white background.

Color Contrast Check

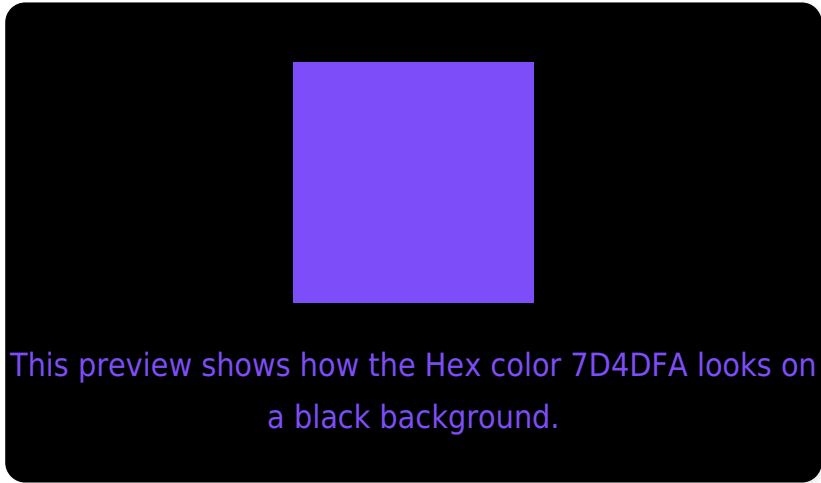
Large Text (above 18pt) WCAG AA ✓ Pass

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

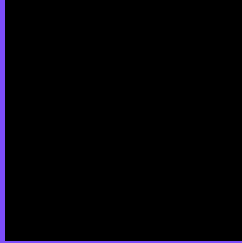
Any Text WCAG AA × Fail

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 7D4DFA Background



This preview shows how black text looks on a background with the Hex color 7D4DFA.

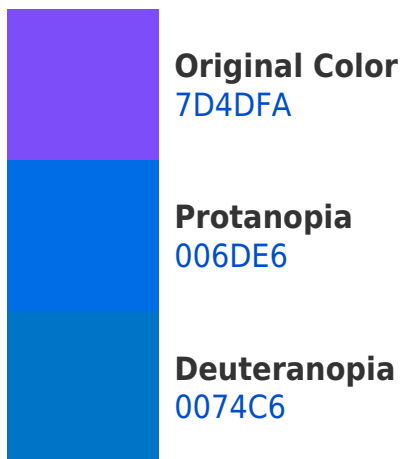



This preview shows how white text looks on a background with the Hex color 7D4DFA.

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
59757F

Trichromacy



Original Color
7D4DFA



Protanomaly
2D61ED



Deuteranomaly
2D66D9



Tritanomaly
6666AC

Monochromacy



Original Color
7D4DFA



Achromatopsia
6F6F6F



Achromatomaly
7463A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D4DFA 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 #7D4DFA looks like.

```
.text, #text, p{  
    color:#7D4DFA  
}
```

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 #7D4DFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D4DFA
}
```

Border

The CSS property to change the border of an element to Hex 7D4DFA 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
#7D4DFA }
```

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

```
.border{ border-color:#7D4DFA }
```

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

Here you see how a box with a 4 pixel #7D4DFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D4DFA; -webkit-box-shadow:4px 4px  
4px 4px #7D4DFA; box-shadow:4px 4px 4px  
4px #7D4DFA }
```

Background

The CSS property to change the background color of an element to Hex 7D4DFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D4DFA }
```

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

```
.background{ background-color:#7D4DFA }
```

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