

Converting Colors

Hex(7D4DEF)

Have a look what the booklet for
Hex(7D4DEF) contains.

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Color

Hex(7D4DEF)

Conversions

Conversions Part 1

Format	Color
Hex	7D4DEF
RGB	125, 77, 239
RGB Percent	49%, 30%, 94%
CMY	0.5098, 0.6980, 0.0627
CMYK	0.48, 0.68, 0.00, 0.06
HSL	258°, 84%, 62%
HSV	258°, 68%, 94%
XYZ	26.6913, 15.8997, 83.3235
YIQ	109.8200, -23.3940, 60.5580

Conversions

Conversions Part 2

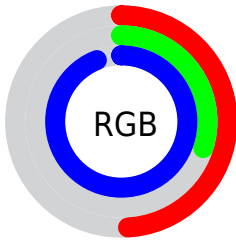
Format	Color
R _Y B	125, 77, 239
Decimal	8211951
CIE Lab	46.84, 56.55, -74.59
CIE LCh	47, 93.602, 307.170
Yxy	15.8997, 0.2120, 0.1263
Android (android.graphics.Color)	4286402031 (0xFF7D4DEF)
YUV	109.8200, 63.6857, 13.3129
Hunter-Lab	39.8745, 49.7047, -95.9830

Details

The Hex color **7D4DEF** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **BFEF4D**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **B981FF**, and **3D19B6** is the 20% darker color. If you saturate the color by 10%, you get **6C35EF**, and if you desaturate by 10%, it is **8E65EF**.

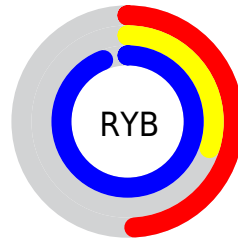
Distribution



Red (49%)

Green (30%)

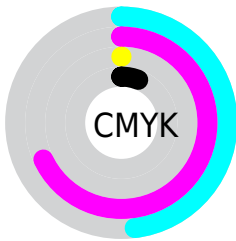
Blue (94%)



Red (49%)

Yellow (30%)

Blue (94%)

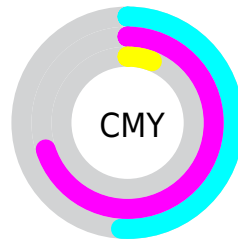


Cyan (48%)

Magenta (68%)

Yellow (0%)

Black (6%)



Cyan (51%)

Magenta (70%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D4DEF 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 7D4DEF by changing the saturation by 10% instead.

 7D4DEF

 7D4DEF

FFFFFF

 5E33D2

 B981FF

 3D19B6

 D79CFF

 0B009A

 F6B8FF

 00007F

 FFD4FF

 000065

 FFF1FF

 00094C

 000434

 00021E

 000000

 7D4DEF

 7D4DEF

 6C35EF

 8E65EF

 5B1DEF

 9F7DEF

 4B05EF

 AF95EF

 4700EF

 C0ADEF

 D1C4EF

 E2DCEF

 F3F4EF

 FFFFEF

Harmonies

Analogous

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



0075FF



7D4DEF



D600AE

Triad

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



7D4DEF



B65200



008D81

Complementary

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



7D4DEF



BFEF4D

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.



008A2B



7D4DEF



777300

Square

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



7D4DEF



E20010



008300



008DCE

Rectangle

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



7D4DEF



ED007A



008300



008C65

Sweetspot

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



7D4DEF



DBCCFF



4DC1EF



6A6180



000000



808080

Same Dimension

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



7D4DEF



6E30FF



CC4DEF



6F6C78



3600B8



110038

Inverse Universe

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



EF4DBF



FF30C2



70EF4D



786C74



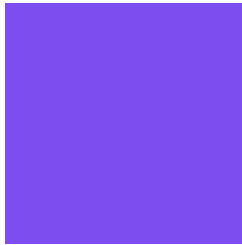
B80081



380027

Previews

White Background



This preview shows how the Hex color 7D4DEF looks on a white background.

Color Contrast Check

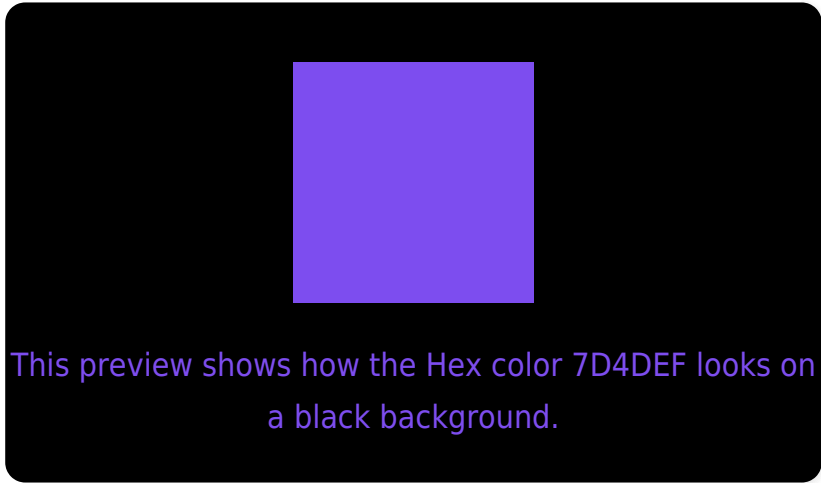
Large Text (above 18pt) WCAG AA ✓ Pass

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

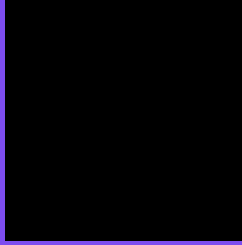
Any Text WCAG AA × Fail

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 7D4DEF Background



This preview shows how black text looks on a background with the Hex color 7D4DEF.

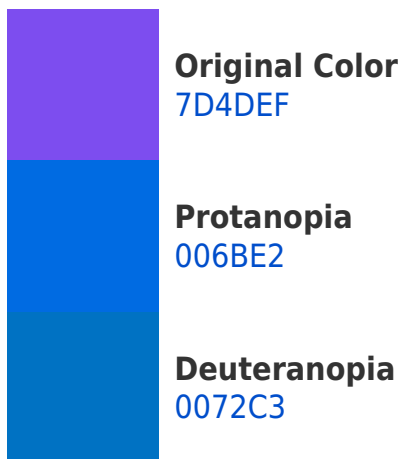


This preview shows how white text looks on a background with the Hex color 7D4DEF.

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
5D727B

Trichromacy



Original Color
7D4DEF



Protanomaly
2D60E7



Deuteranomaly
2D65D3



Tritanomaly
6965A5

Monochromacy



Original Color
7D4DEF



Achromatopsia
6E6E6E



Achromatomaly
73629D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D4DEF 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 #7D4DEF looks like.

```
.text, #text, p{  
  color:#7D4DEF  
}
```

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 #7D4DEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D4DEF
}
```

Border

The CSS property to change the border of an element to Hex 7D4DEF 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
#7D4DEF }
```

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

```
.border{ border-color:#7D4DEF }
```

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

Here you see how a box with a 4 pixel #7D4DEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D4DEF; -webkit-box-shadow:4px 4px  
4px 4px #7D4DEF; box-shadow:4px 4px 4px  
4px #7D4DEF }
```

Background

The CSS property to change the background color of an element to Hex 7D4DEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D4DEF }
```

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

```
.background{ background-color:#7D4DEF }
```

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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