

Converting Colors

Hex(7A5FDB)

Have a look what the booklet for
Hex(7A5FDB) contains.

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Color

Hex(7A5FDB)

Conversions

Conversions Part 1

Format	Color
Hex	7A5FDB
RGB	122, 95, 219
RGB Percent	48%, 37%, 86%
CMY	0.5216, 0.6275, 0.1412
CMYK	0.44, 0.57, 0.00, 0.14
HSL	253°, 63%, 62%
HSV	253°, 57%, 86%
XYZ	24.9044, 17.4365, 69.0708
YIQ	117.2090, -23.7120, 44.2880

Conversions

Conversions Part 2

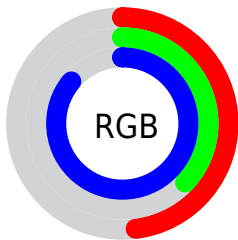
Format	Color
R_{YB}	122, 95, 219
Decimal	8019931
CIE _{Lab}	48.81, 40.62, -60.11
CIE _{LCh}	49, 72.549, 304.046
Yxy	17.4365, 0.2235, 0.1565
Android (android.graphics.Color)	4286210011 (0xFF7A5FDB)
YUV	117.2090, 50.1830, 4.2017
Hunter-Lab	41.7570, 33.3851, -68.8425

Details

The Hex color **7A5FDB** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **C0DB5F**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **B492FF**, and **3F2FA3** is the 20% darker color. If you saturate the color by 10%, you get **6949DB**, and if you desaturate by 10%, it is **8B75DB**.

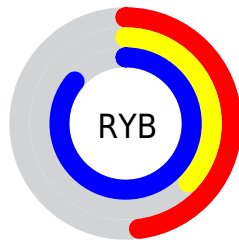
Distribution



Red (48%)

Green (37%)

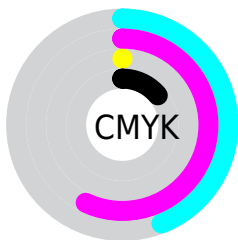
Blue (86%)



Red (48%)

Yellow (37%)

Blue (86%)

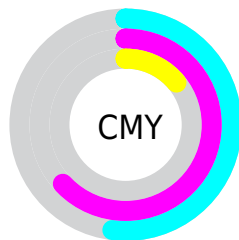


Cyan (44%)

Magenta (57%)

Yellow (0%)

Black (14%)



Cyan (52%)

Magenta (63%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A5FDB 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 7A5FDB by changing the saturation by 10% instead.

 7A5FDB

 7A5FDB

FFFFFF

 5D47BF

 B492FF

 3F2FA3

 D1ADFF

 1C1888

 EFC9FF

 00036E

 FFE5FF

 000055

 00063D

 000226

 00010F

 000000

 7A5FDB

 7A5FDB

 6949DB

 8B75DB

 5833DB

 9C8BDB

 471DDB

 ADA1DB

 3507DB

 BFB7DB

 3000DB

 D0CCDB

 E1E2DB

 F2F8DB

 FFFFDB

Harmonies

Analogous

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



0079F0



7A5FDB



C23AAB

Triad

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



7A5FDB



B65C00



008E7B

Complementary

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



7A5FDB



C0DB5F

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.



008B3A



7A5FDB



857400

Square

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



7A5FDB



D63933



448300



008EB8

Rectangle

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



7A5FDB



D82383



448300



008D65

Sweetspot

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



7A5FDB



DDD4FF



5FC0DB



6C6680



000000



808080

Same Dimension

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



7A5FDB



7752FF



B85FDB



65636E



2600AD



0A002E

Inverse Universe

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



DB5FC0



FF52D9



82DB5F



6E636B



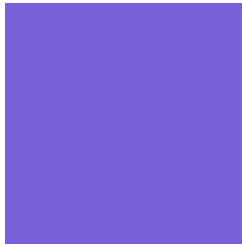
AD0088



2E0024

Previews

White Background



This preview shows how the Hex color 7A5FDB looks on a white background.

Color Contrast Check

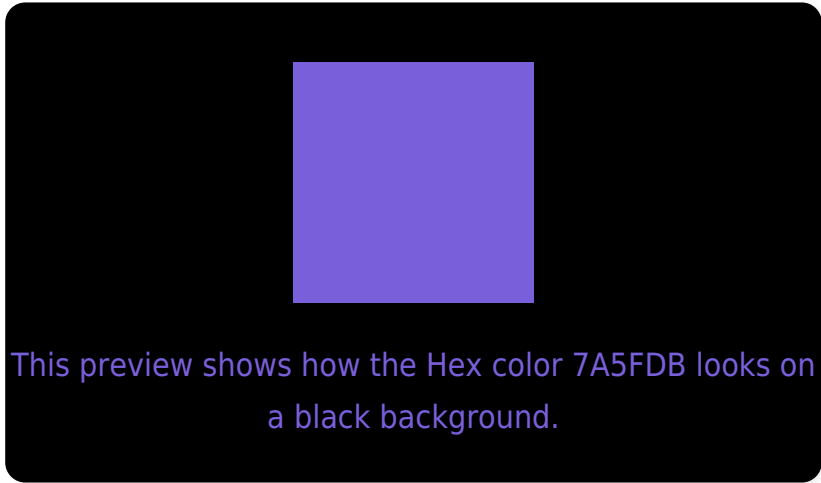
Large Text (above 18pt) WCAG AA ✓ Pass

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

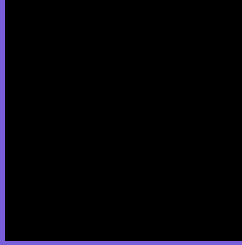
Any Text WCAG AA × Fail

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 7A5FDB Background



This preview shows how black text looks on a background with the Hex color 7A5FDB.

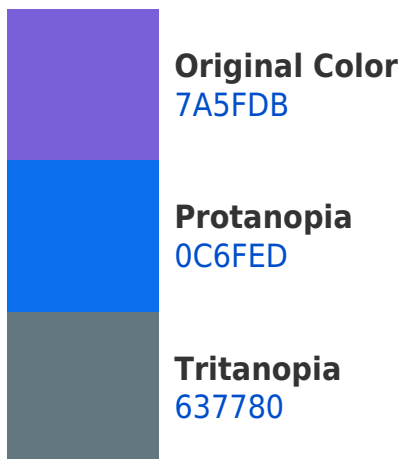


This preview shows how white text looks on a background with the Hex color 7A5FDB.

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



Trichromacy



Original Color

7A5FDB



Protanomaly

3469E6



Tritanomaly

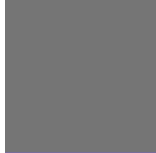
6B6EA1

Monochromacy



Original Color

7A5FDB



Achromatopsia

757575



Achromatomaly

776D9A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A5FDB 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 #7A5FDB looks like.

```
.text, #text, p{  
    color:#7A5FDB  
}
```

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 #7A5FDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A5FDB
}
```

Border

The CSS property to change the border of an element to Hex 7A5FDB is called "border". The border property can be set on classes, ids or directly on the HTML element.

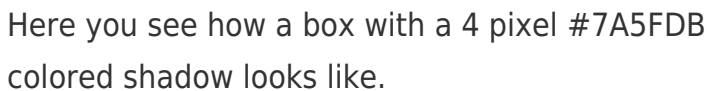
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A5FDB }
```

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

```
.border{ border-color:#7A5FDB }
```

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



Here you see how a box with a 4 pixel #7A5FDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A5FDB; -webkit-box-shadow:4px 4px  
4px 4px #7A5FDB; box-shadow:4px 4px 4px  
4px #7A5FDB }
```

Background

The CSS property to change the background color of an element to Hex 7A5FDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A5FDB }
```

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

```
.background{ background-color:#7A5FDB }
```

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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