

Converting Colors

Hex(7B7FDD)

Have a look what the booklet for
Hex(7B7FDD) contains.

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Color

Hex(7B7FDD)

Conversions

Conversions Part 1

Format	Color
Hex	7B7FDD
RGB	123, 127, 221
RGB Percent	48%, 50%, 87%
CMY	0.5176, 0.5020, 0.1333
CMYK	0.44, 0.43, 0.00, 0.13
HSL	238°, 59%, 67%
HSV	238°, 44%, 87%
XYZ	28.8089, 24.6102, 71.6385
YIQ	136.5200, -32.5580, 28.3860

Conversions

Conversions Part 2

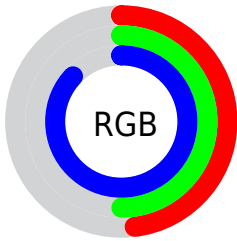
Format	Color
R _Y B	123, 127, 221
Decimal	8093661
CIE Lab	56.69, 22.53, -48.62
CIE LCh	57, 53.584, 294.866
Yxy	24.6102, 0.2304, 0.1968
Android (android.graphics.Color)	4286283741 (0xFF7B7FDD)
YUV	136.5200, 41.6486, -11.8570
Hunter-Lab	49.6086, 16.8441, -50.8930

Details

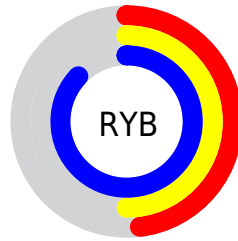
The Hex color **7B7FDD** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DDD97B**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B4B4FF**, and **424EA5** is the 20% darker color. If you saturate the color by 10%, you get **656ADD**, and if you desaturate by 10%, it is **9194DD**.

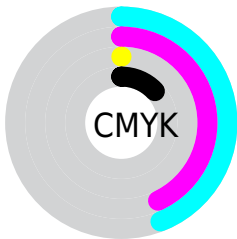
Distribution



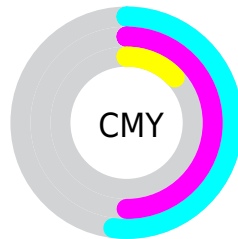
- Red (48%)
- Green (50%)
- Blue (87%)



- Red (48%)
- Yellow (50%)
- Blue (87%)



- Cyan (44%)
- Magenta (43%)
- Yellow (0%)
- Black (13%)



- Cyan (52%)
- Magenta (50%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B7FDD 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 7B7FDD by changing the saturation by 10% instead.

7B7FDD

7B7FDD

FFFFFF

5F66C1

B4B4FF

424EA5

D0CFFF

23388B

EEEEBF

002271

000F57

000040

000329

000112

000000

 7B7FDD

 7B7FDD

 656ADD

 9194DD

 4F55DD

 A7A9DD

 393FDD

 BDBFDD

 232ADD

 D3D4DD

 0C15DD

 EAE9DD

 0009DD

 FFFEDD

 FFFFDD

Harmonies

Analogous

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



0090E5



7B7FDD



B96BBE

Triad

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



7B7FDD



CA713C



009E7E

Complementary

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



7B7FDD



DDD97B

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.



3D9A50



7B7FDD



A88323

Square

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



7B7FDD



DC6164



7B912C



009EAE

Rectangle

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



7B7FDD



D161A2



7B912C



009D6E

Sweetspot

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



7B7FDD



DEDEFF



7BDDD8



6B6C80



000000



808080

Same Dimension

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



7B7FDD



787DFF



A77BDD



63636E



0007AD



00022E

Inverse Universe

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



DD7B7F



FF787D



B1DD7B



6E6363



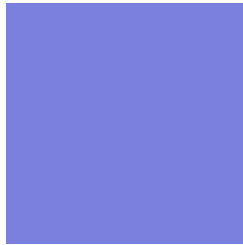
AD0007



2E0002

Previews

White Background



This preview shows how the Hex color 7B7FDD looks on a white background.

Color Contrast Check

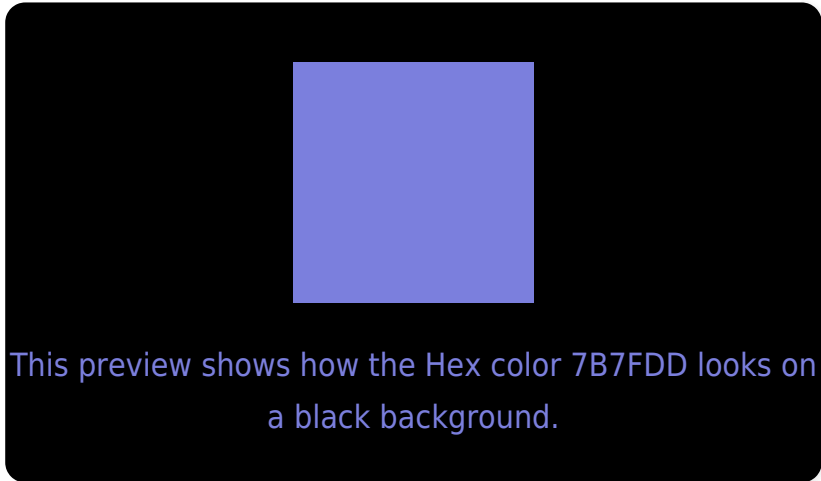
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

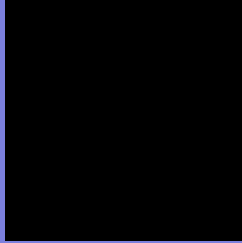
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7B7FDD Background



This preview shows how black text looks on a background with the Hex color 7B7FDD.



This preview shows how white text looks on a background with the Hex color 7B7FDD.

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](#).

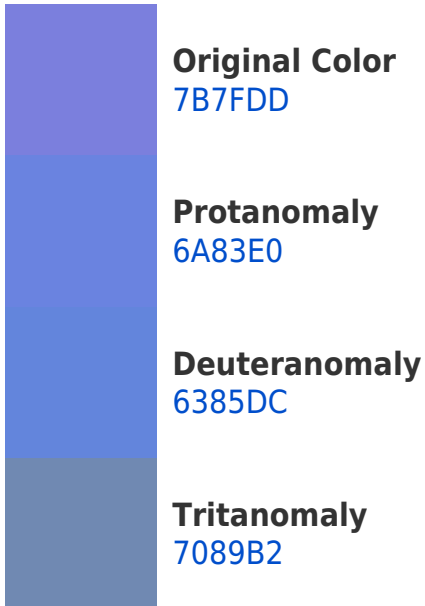
Dichromacy





Tritanopia
698E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7FDD 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 #7B7FDD looks like.

```
.text, #text, p{  
    color:#7B7FDD  
}
```

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 #7B7FDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7FDD
}
```

Border

The CSS property to change the border of an element to Hex 7B7FDD 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
#7B7FDD }
```

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

```
.border{ border-color:#7B7FDD }
```

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

Here you see how a box with a 4 pixel #7B7FDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7FDD; -webkit-box-shadow:4px 4px  
4px 4px #7B7FDD; box-shadow:4px 4px 4px  
4px #7B7FDD }
```

Background

The CSS property to change the background color of an element to Hex 7B7FDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7FDD }
```

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

```
.background{ background-color:#7B7FDD }
```

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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