

Converting Colors

Hex(7D68DB)

Have a look what the booklet for
Hex(7D68DB) contains.

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Color

Hex(7D68DB)

Conversions

Conversions Part 1

Format	Color
Hex	7D68DB
RGB	125, 104, 219
RGB Percent	49%, 41%, 86%
CMY	0.5098, 0.5922, 0.1412
CMYK	0.43, 0.53, 0.00, 0.14
HSL	251°, 61%, 63%
HSV	251°, 53%, 86%
XYZ	26.1939, 19.3751, 69.3770
YIQ	123.3890, -24.3990, 40.2170

Conversions

Conversions Part 2

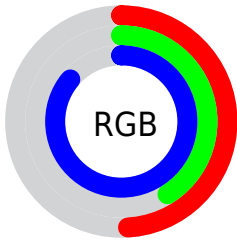
Format	Color
R _{YB}	125, 104, 219
Decimal	8218843
CIE Lab	51.12, 36.06, -56.37
CIE LCh	51, 66.916, 302.604
Yxy	19.3751, 0.2279, 0.1686
Android (android.graphics.Color)	4286408923 (0xFF7D68DB)
YUV	123.3890, 47.1362, 1.4128
Hunter-Lab	44.0171, 29.1927, -62.6372

Details

The Hex color **7D68DB** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **C6DB68**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B69CFF**, and **4438A3** is the 20% darker color. If you saturate the color by 10%, you get **6B52DB**, and if you desaturate by 10%, it is **8F7EDB**.

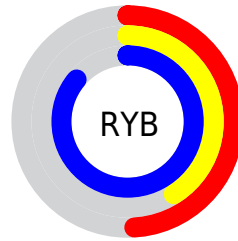
Distribution



Red (49%)

Green (41%)

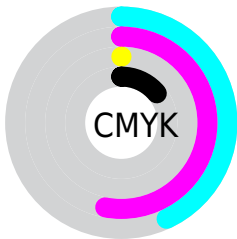
Blue (86%)



Red (49%)

Yellow (41%)

Blue (86%)

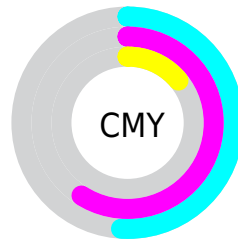


Cyan (43%)

Magenta (53%)

Yellow (0%)

Black (14%)



Cyan (51%)

Magenta (59%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D68DB 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 7D68DB by changing the saturation by 10% instead.

7D68DB

7D68DB

FFFFFF

6150BF

B69CFF

4438A3

D3B7FF

232288

F1D2FF

000C6E

FFEFFF

000055

00063D

000326

00010F

000000

 7D68DB

 7D68DB

 6B52DB

 8F7EDB

 593CDB

 A194DB

 4726DB

 B3AADB

 3510DB

 C5C0DB

 2800DB

 D7D5DB

 E8EBDB

 FAFFDB

 FFFFDB

Harmonies

Analogous

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



007FED



7D68DB



C14AAF

Triad

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



7D68DB



BB6200



00937D

Complementary

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



7D68DB



C6DB68

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.



009042



7D68DB



8E7900

Square

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



7D68DB



D84640



548800



0093B6

Rectangle

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



7D68DB



D73A8A



548800



009269

Sweetspot

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



7D68DB



DED6FF



68C8DB



6C6780



000000



808080

Same Dimension

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



7D68DB



7C5EFF



B568DB



65636E



2000AD



08002E

Inverse Universe

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



DB68C6



FF5EE2



8EDB68



6E636C



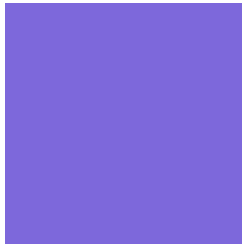
AD008E



2E0026

Previews

White Background



This preview shows how the Hex color 7D68DB 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

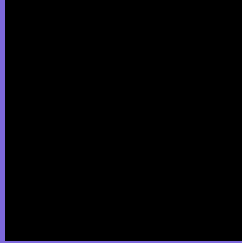
Any Text WCAG AA ✓ Pass

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 7D68DB Background



This preview shows how black text looks on a background with the Hex color 7D68DB.

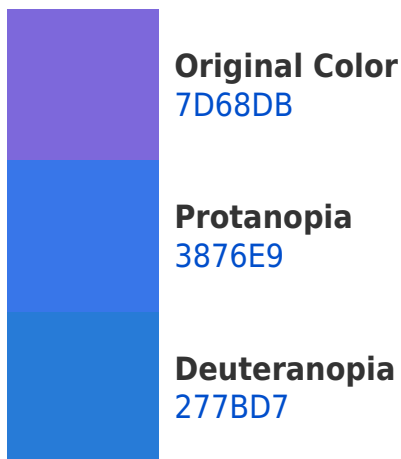



This preview shows how white text looks on a background with the Hex color 7D68DB.

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](#).

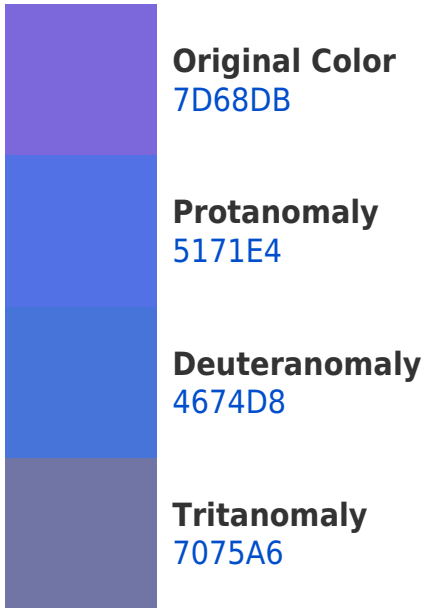
Dichromacy



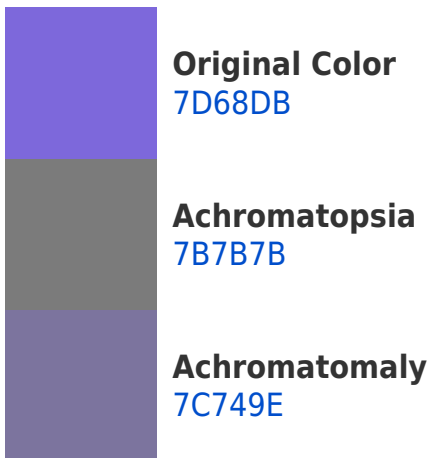


Tritanopia
687D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7D68DB 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 #7D68DB looks like.

```
.text, #text, p{  
    color:#7D68DB  
}
```

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 #7D68DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D68DB
}
```

Border

The CSS property to change the border of an element to Hex 7D68DB 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
#7D68DB }
```

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

```
.border{ border-color:#7D68DB }
```

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

Here you see how a box with a 4 pixel #7D68DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D68DB; -webkit-box-shadow:4px 4px  
4px 4px #7D68DB; box-shadow:4px 4px 4px  
4px #7D68DB }
```

Background

The CSS property to change the background color of an element to Hex 7D68DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D68DB }
```

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

```
.background{ background-color:#7D68DB }
```

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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