

Converting Colors

Hex(7E0CDB)

Have a look what the booklet for
Hex(7E0CDB) contains.

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Color

Hex(7E0CDB)

Conversions

Conversions Part 1

Format	Color
Hex	7E0CDB
RGB	126, 12, 219
RGB Percent	49%, 5%, 86%
CMY	0.5059, 0.9529, 0.1412
CMYK	0.42, 0.95, 0.00, 0.14
HSL	273°, 90%, 45%
HSV	273°, 95%, 86%
XYZ	21.5218, 9.8130, 67.7776
YIQ	69.6840, 1.4970, 88.5450

Conversions

Conversions Part 2

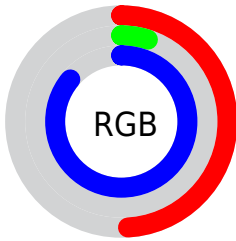
Format	Color
R_{YB}	126, 12, 219
Decimal	8260827
CIE _{Lab}	37.50, 74.13, -78.52
CIE _{LCh}	38, 107.983, 313.354
Yxy	9.8130, 0.2171, 0.0990
Android (android.graphics.Color)	4286450907 (0xFF7E0CDB)
YUV	69.6840, 73.6128, 49.3891
Hunter-Lab	31.3258, 67.8153, -106.3540

Details

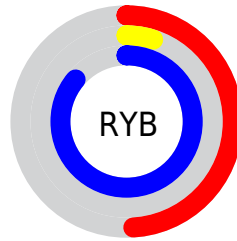
The Hex color **7E0CDB** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **69DB0C**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **BB53FF**, and **3E00A2** is the 20% darker color. If you saturate the color by 10%, you get **7900DB**, and if you desaturate by 10%, it is **8822DB**.

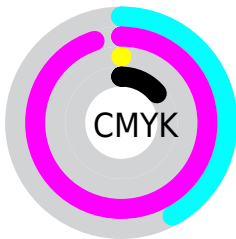
Distribution



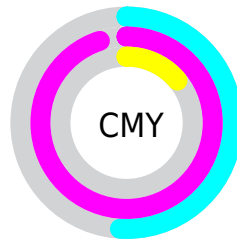
- Red (49%)
- Green (5%)
- Blue (86%)



- Red (49%)
- Yellow (5%)
- Blue (86%)



- Cyan (42%)
- Magenta (95%)
- Yellow (0%)
- Black (14%)



- Cyan (51%)
- Magenta (95%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E0CDB 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 7E0CDB by changing the saturation by 10% instead.

7E0CDB

7E0CDB

FFFFFF

5F00BE

BB53FF

3E00A2

D96FFF

110087

F88BFF

00006D

FFA8FF

000053

FFC5FF

00063B

FFE2FF

000224

00010D

000000

■ 7E0CDB

■ 7E0CDB

■ 7900DB

■ 8822DB

■ 9238DB

■ 9C4EDB

■ A564DB

■ AF79DB

■ B98FDB

■ C3A5DB

■ CDBBDB

■ D7D1DB

Harmonies

Analogous

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



005BFF



7E0CDB



D2008D

Triad

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



7E0CDB



934100



00757F

Complementary

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



7E0CDB



69DB0C

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.



00731F



7E0CDB



476100

Square

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



7E0CDB



C80000



006E00



0077D2

Rectangle

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



7E0CDB



E20054



006E00



007461

Sweetspot

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



7E0CDB



DFB8FF



0C69DB



6C5480



000000



808080

Same Dimension

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



7E0CDB



8C00FF



DB0CD1



69636E



5F00AD



19002E

Inverse Universe

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



DB0C69



FF0073



0CDB16



6E6368



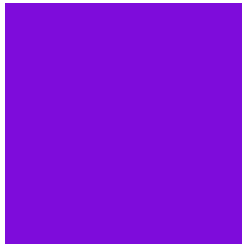
AD004E



2E0015

Previews

White Background



This preview shows how the Hex color 7E0CDB looks on a white background.

Color Contrast Check

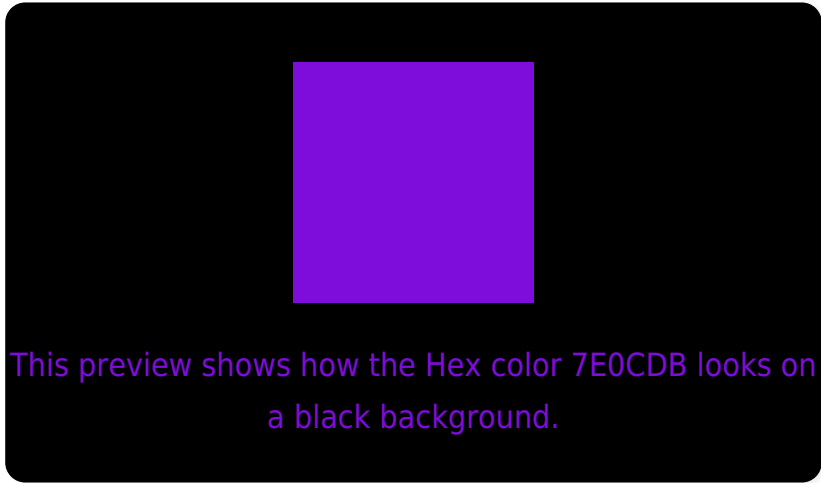
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

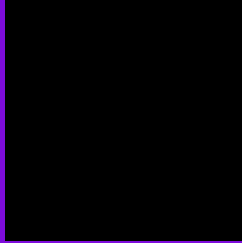
Any Text WCAG AA × Fail

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 7E0CDB Background



This preview shows how black text looks on a background with the Hex color 7E0CDB.

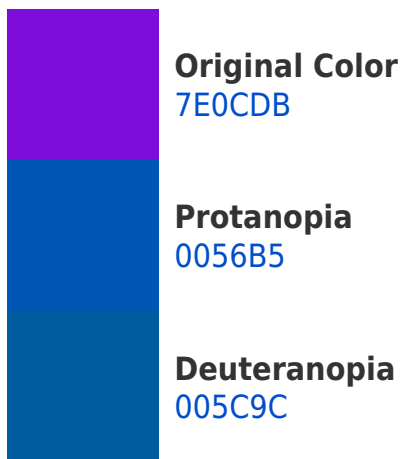



This preview shows how white text looks on a background with the Hex color 7E0CDB.

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](#).

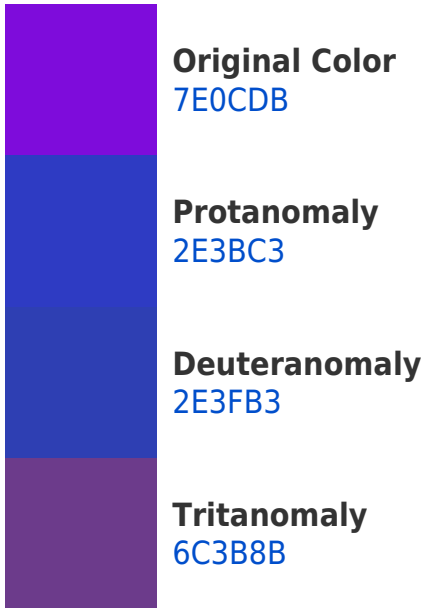
Dichromacy



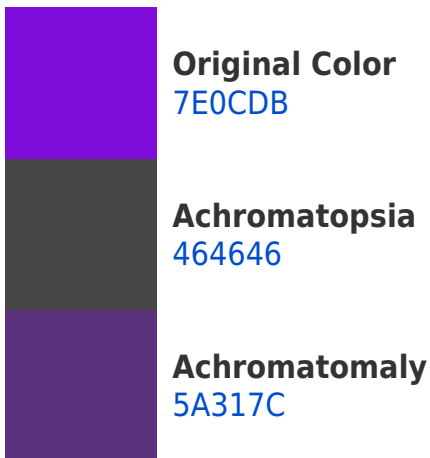


Tritanopia
62565D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7E0CDB 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 #7E0CDB looks like.

```
.text, #text, p{  
    color:#7E0CDB  
}
```

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 #7E0CDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E0CDB
}
```

Border

The CSS property to change the border of an element to Hex 7E0CDB 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
#7E0CDB }
```

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

```
.border{ border-color:#7E0CDB }
```

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

Here you see how a box with a 4 pixel #7E0CDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E0CDB; -webkit-box-shadow:4px 4px  
4px 4px #7E0CDB; box-shadow:4px 4px 4px  
4px #7E0CDB }
```

Background

The CSS property to change the background color of an element to Hex 7E0CDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E0CDB }
```

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

```
.background{ background-color:#7E0CDB }
```

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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