

Converting Colors

Hex(780CDD)

Have a look what the booklet for
Hex(780CDD) contains.

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Color

Hex(780CDD)

Conversions

Conversions Part 1

Format	Color
Hex	780CDD
RGB	120, 12, 221
RGB Percent	47%, 5%, 87%
CMY	0.5294, 0.9529, 0.1333
CMYK	0.46, 0.95, 0.00, 0.13
HSL	271°, 90%, 46%
HSV	271°, 95%, 87%
XYZ	20.9283, 9.4765, 69.1327
YIQ	68.1180, -2.7210, 87.8950

Conversions

Conversions Part 2

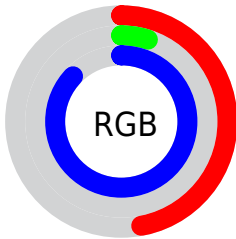
Format	Color
R _Y B	120, 12, 221
Decimal	7867613
CIE Lab	36.89, 73.97, -80.72
CIE LCh	37, 109.483, 312.503
Yxy	9.4765, 0.2103, 0.0952
Android (android.graphics.Color)	4286057693 (0xFF780CDD)
YUV	68.1180, 75.3708, 45.5005
Hunter-Lab	30.7839, 67.4810, -111.6014

Details

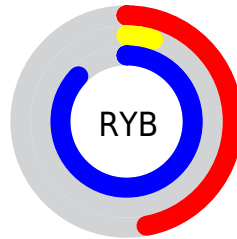
The Hex color **780CDD** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **71DD0C**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **B552FF**, and **3600A4** is the 20% darker color. If you saturate the color by 10%, you get **7200DD**, and if you desaturate by 10%, it is **8322DD**.

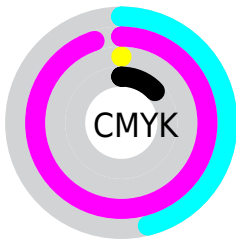
Distribution



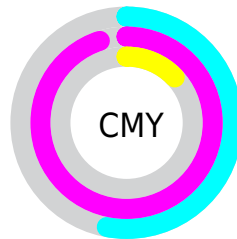
- Red (47%)
- Green (5%)
- Blue (87%)



- Red (47%)
- Yellow (5%)
- Blue (87%)



- Cyan (46%)
- Magenta (95%)
- Yellow (0%)
- Black (13%)



- Cyan (53%)
- Magenta (95%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 780CDD 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 780CDD by changing the saturation by 10% instead.

 780CDD

 780CDD

FFFFFF

 5800C0

 B552FF

 3600A4

 D46EFF

 000089

 F38AFF

 00006F


 FFA7FF

 000055

 FFC4FF

 00063D

 FFE1FF

 000226

FFFEFF

 00010F

 000000

■ 780CDD

■ 780CDD

■ 7200DD

■ 8322DD

■ 8D38DD

■ 984EDD

■ A364DD

■ AD7BDD

■ B891DD

■ C3A7DD

■ CDBDDD

■ D8D3DD

Harmonies

Analogous

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



005BFF



780CDD



D0008E

Triad

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



780CDD



933D00



00747B

Complementary

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



780CDD



71DD0C

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.



007119



780CDD



485F00

Square

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



780CDD



C80000



006C00



0076D0

Rectangle

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



780CDD



E10054



006C00



00735D

Sweetspot

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



780CDD



DCB8FF



0C71DD



6B5480



000000



808080

Same Dimension

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



780CDD



8400FF



DD0CDA



68636E



5A00AD



18002E

Inverse Universe

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



DD0C71



FF007B



0CDD0F



6E6368



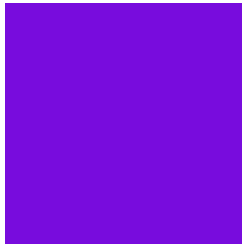
AD0054



2E0016

Previews

White Background



This preview shows how the Hex color 780CDD looks on a white background.

Color Contrast Check

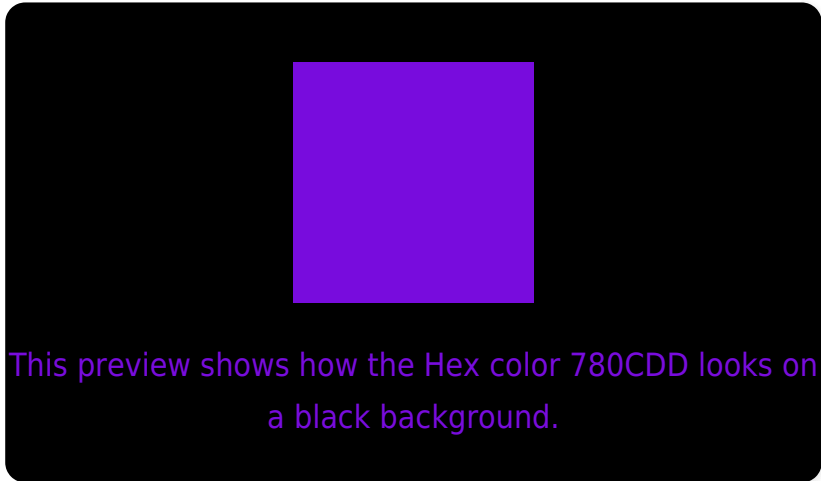
Large Text (above 18pt) WCAG AA ✓ Pass

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

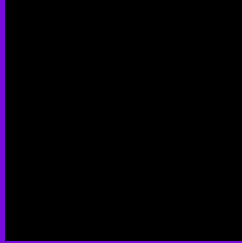
Any Text WCAG AA × Fail

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 780CDD Background



This preview shows how black text looks on a background with the Hex color 780CDD.



This preview shows how white text looks on a background with the Hex color 780CDD.

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



Original Color
780CDD

Protanopia
0055B2

Deuteranopia
005A99



Tritanopia
59575D

Trichromacy



Original Color

780CDD



Protanomaly

2C3AC2



Deuteranomaly

2C3EB2



Tritanomaly

643C8C

Monochromacy



Original Color

780CDD



Achromatopsia

444444



Achromatomaly

57307C

CSS Examples

Text

The CSS property to change the color of the text to Hex 780CDD 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 #780CDD looks like.

```
.text, #text, p{  
    color:#780CDD  
}
```

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 #780CDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #780CDD
}
```

Border

The CSS property to change the border of an element to Hex 780CDD 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
#780CDD }
```

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

```
.border{ border-color:#780CDD }
```

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

Here you see how a box with a 4 pixel #780CDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #780CDD; -webkit-box-shadow:4px 4px  
4px 4px #780CDD; box-shadow:4px 4px 4px  
4px #780CDD }
```

Background

The CSS property to change the background color of an element to Hex 780CDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#780CDD }
```

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

```
.background{ background-color:#780CDD }
```

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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