

Converting Colors

Hex(781CD5)

Have a look what the booklet for
Hex(781CD5) contains.

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Color

Hex(781CD5)

Conversions

Conversions Part 1

Format	Color
Hex	781CD5
RGB	120, 28, 213
RGB Percent	47%, 11%, 84%
CMY	0.5294, 0.8902, 0.1647
CMYK	0.44, 0.87, 0.00, 0.16
HSL	270°, 77%, 47%
HSV	270°, 87%, 84%
XYZ	20.1712, 9.6277, 63.7460
YIQ	76.5980, -4.5530, 77.0390

Conversions

Conversions Part 2

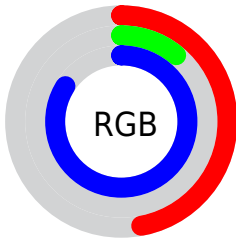
Format	Color
R_{YB}	120, 28, 213
Decimal	7871701
CIE _{Lab}	37.17, 69.08, -75.65
CIE _{LCh}	37, 102.442, 312.401
Yxy	9.6277, 0.2156, 0.1029
Android (android.graphics.Color)	4286061781 (0xFF781CD5)
YUV	76.5980, 67.2462, 38.0636
Hunter-Lab	31.0285, 61.7407, -100.0874

Details

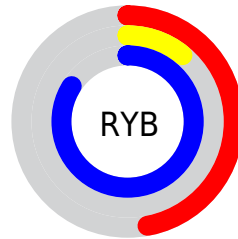
The Hex color **781CD5** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **79D51C**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **B458FF**, and **38009D** is the 20% darker color. If you saturate the color by 10%, you get **6D07D5**, and if you desaturate by 10%, it is **8331D5**.

Distribution



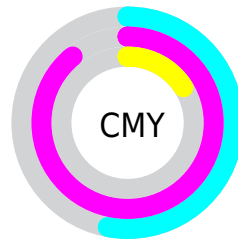
- Red (47%)
- Green (11%)
- Blue (84%)



- Red (47%)
- Yellow (11%)
- Blue (84%)



- Cyan (44%)
- Magenta (87%)
- Yellow (0%)
- Black (16%)



- Cyan (53%)
- Magenta (89%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 781CD5 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 781CD5 by changing the saturation by 10% instead.

 781CD5

 781CD5

FFFFFF

 5900B9

 B458FF

 38009D

 D274FF

 060082

 F190FF

 000068

 FFACFF

 00004E

 FFC9FF

 000536

 FFE6FF

 000220

 000004

 000000

■ 781CD5

■ 781CD5

■ 6D07D5

■ 8331D5

■ 6A00D5

■ 8D47D5

■ 985CD5

■ A371D5

■ AE86D5

■ B89CD5

■ C3B1D5

■ CEC6D5

■ D8DCD5

Harmonies

Analogous

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



005BFF



781CD5



C9008C

Triad

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



781CD5



924000



007379

Complementary

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



781CD5



79D51C

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.



00711F



781CD5



4B5F00

Square

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



781CD5



C40000



006C00



0075C8

Rectangle

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



781CD5



DA0055



006C00



00735D

Sweetspot

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



781CD5



DEBDFE



1C7CD5



6C5880



000000



808080

Same Dimension

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



781CD5



7F00FF



D21CD5



66606B



5500AB



16002B

Inverse Universe

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



D51C79



FF0080



1FD51C



6B6066



AB0056



2B0016

Previews

White Background



This preview shows how the Hex color 781CD5 looks on a white background.

Color Contrast Check

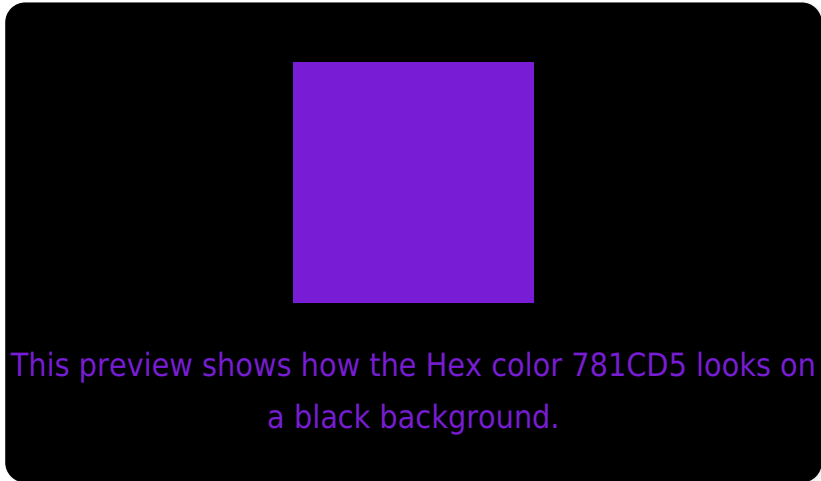
Large Text (above 18pt) WCAG AA ✓ Pass

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

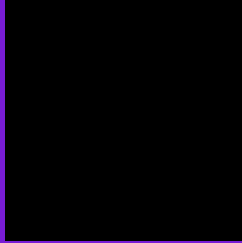
Any Text WCAG AA × Fail

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 781CD5 Background



This preview shows how black text looks on a background with the Hex color 781CD5.

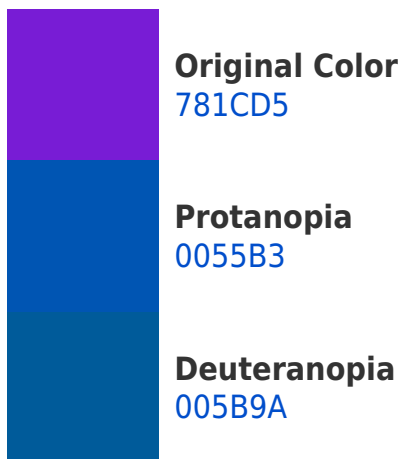



This preview shows how white text looks on a background with the Hex color 781CD5.

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
5C565D

Trichromacy



Original Color
781CD5



Protanomaly
2C40BF



Deuteranomaly
2C44AF



Tritanomaly
664189

Monochromacy



Original Color
781CD5



Achromatopsia
4D4D4D



Achromatomaly
5D3B7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 781CD5 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 #781CD5 looks like.

```
.text, #text, p{  
    color:#781CD5  
}
```

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 #781CD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #781CD5
}
```

Border

The CSS property to change the border of an element to Hex 781CD5 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
#781CD5 }
```

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

```
.border{ border-color:#781CD5 }
```

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

Here you see how a box with a 4 pixel #781CD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #781CD5; -webkit-box-shadow:4px 4px  
4px 4px #781CD5; box-shadow:4px 4px 4px  
4px #781CD5 }
```

Background

The CSS property to change the background color of an element to Hex 781CD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#781CD5 }
```

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

```
.background{ background-color:#781CD5 }
```

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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