

Converting Colors

Hex(7C00CF)

Have a look what the booklet for
Hex(7C00CF) contains.

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Color

Hex(7C00CF)

Conversions

Conversions Part 1

Format	Color
Hex	7C00CF
RGB	124, 0, 207
RGB Percent	49%, 0%, 81%
CMY	0.5137, 1.0000, 0.1882
CMYK	0.40, 1.00, 0.00, 0.19
HSL	276°, 100%, 41%
HSV	276°, 100%, 81%
XYZ	19.5747, 8.7901, 59.6964
YIQ	60.6740, 7.4570, 90.6650

Conversions

Conversions Part 2

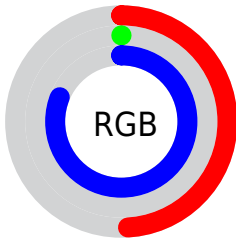
Format	Color
RYB	124, 0, 207
Decimal	8126671
CIELab	35.58, 72.96, -74.77
CIELCh	36, 104.464, 314.299
Yxy	8.7901, 0.2223, 0.0998
Android (android.graphics.Color)	4286316751 (0xFF7C00CF)
YUV	60.6740, 72.1387, 55.5369
Hunter-Lab	29.6481, 65.9677, -98.6269

Details

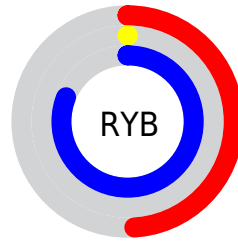
The Hex color **7C00CF** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **53CF00**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **B84EFF**, and **3E0097** is the 20% darker color. If you saturate the color by 10%, you get **7C00CF**, and if you desaturate by 10%, it is **8415CF**.

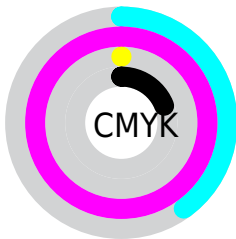
Distribution



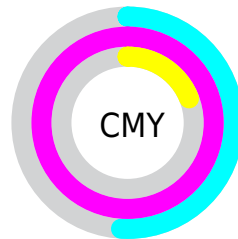
- Red (49%)
- Green (0%)
- Blue (81%)



- Red (49%)
- Yellow (0%)
- Blue (81%)



- Cyan (40%)
- Magenta (100%)
- Yellow (0%)
- Black (19%)



- Cyan (51%)
- Magenta (100%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C00CF 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 7C00CF by changing the saturation by 10% instead.

 7C00CF

 7C00CF

FFFFFF

 5E00B3

 B84EFF

 3E0097

 D66AFF

 16007C

 F587FF

 000062

 FFA3FF

 000049

 FFC0FF

 000432

 FFDDFF

 00011C

 FFFAFF

 000000

 7C00CF

 8415CF

 8D29CF

 953ECF

 9D53CF

 A668CF

 AE7CCF

 B691CF

 BEA6CF

 C7BACF

Harmonies

Analogous

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



0055FC



7C00CF



C90083

Triad

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



7C00CF



8A3F00



006F7C

Complementary

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



7C00CF



53CF00

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.



006D21



7C00CF



405D00

Square

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



7C00CF



BD0000



006900



0071CA

Rectangle

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



7C00CF



D8004D



006900



006F5E

Sweetspot

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



7C00CF



E0B3FF



0056CF



6D5280



000000



808080

Same Dimension

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



7C00CF



9900FF



CF00BE



645E69



6500A8



180029

Inverse Universe

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



CF0053



FF0066



00CF11



695E62



A80043



290010

Previews

White Background



This preview shows how the Hex color 7C00CF looks on a white background.

Color Contrast Check

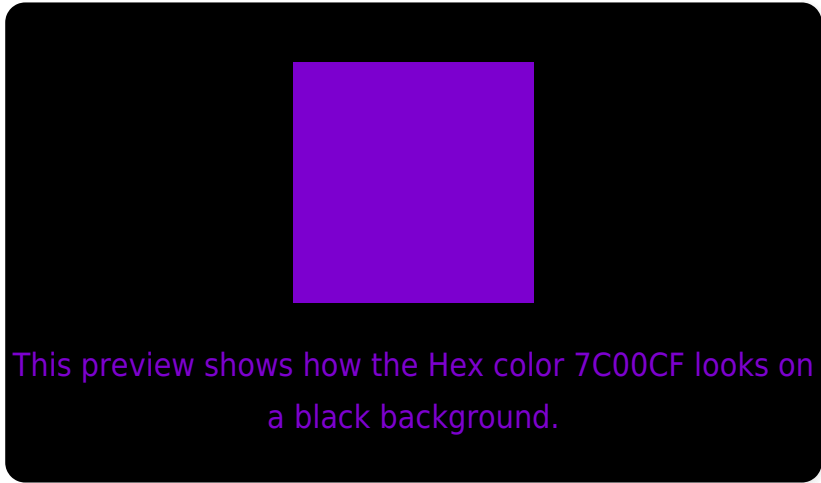
Large Text (above 18pt) WCAG AA ✓ Pass

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

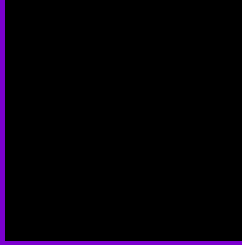
Any Text WCAG AA × Fail

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 7C00CF Background



This preview shows how black text looks on a background with the Hex color 7C00CF.



This preview shows how white text looks on a background with the Hex color 7C00CF.

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
635157

Trichromacy



Original Color
7C00CF



Protanomaly
2D35BA



Deuteranomaly
2D38AB



Tritanomaly
6C3483

Monochromacy



Original Color
7C00CF



Achromatopsia
3D3D3D



Achromatomaly
542772

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C00CF 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 #7C00CF looks like.

```
.text, #text, p{  
    color:#7C00CF  
}
```

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 #7C00CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C00CF
}
```

Border

The CSS property to change the border of an element to Hex 7C00CF 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".

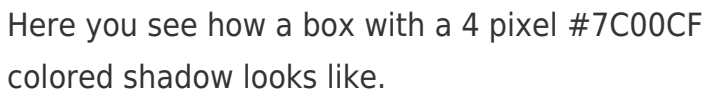
```
.border, #border, table{ border:4px solid
#7C00CF }
```

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

```
.border{ border-color:#7C00CF }
```

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

Here you see how a box with a 4 pixel #7C00CF colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and describes the shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C00CF; -webkit-box-shadow:4px 4px  
4px 4px #7C00CF; box-shadow:4px 4px 4px  
4px #7C00CF }
```

Background

The CSS property to change the background color of an element to Hex 7C00CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C00CF }
```

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

```
.background{ background-color:#7C00CF }
```

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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