

Converting Colors

Hex(7C00D6)

Have a look what the booklet for
Hex(7C00D6) contains.

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Color

Hex(7C00D6)

Conversions

Conversions Part 1

Format	Color
Hex	7C00D6
RGB	124, 0, 214
RGB Percent	49%, 0%, 84%
CMY	0.5137, 1.0000, 0.1608
CMYK	0.42, 1.00, 0.00, 0.16
HSL	275°, 100%, 42%
HSV	275°, 100%, 84%
XYZ	20.4498, 9.1401, 64.3047
YIQ	61.4720, 5.2100, 92.8420

Conversions

Conversions Part 2

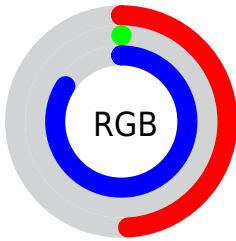
Format	Color
R_{YB}	124, 0, 214
Decimal	8126678
CIE _{Lab}	36.25, 74.38, -77.71
CIE _{LCh}	36, 107.569, 313.747
Yxy	9.1401, 0.2178, 0.0973
Android (android.graphics.Color)	4286316758 (0xFF7C00D6)
YUV	61.4720, 75.1963, 54.8371
Hunter-Lab	30.2326, 67.8328, -104.9468

Details

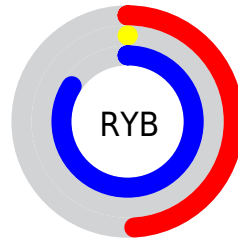
The Hex color **7C00D6** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **5AD600**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **B84EFF**, and **3C009E** is the 20% darker color. If you saturate the color by 10%, you get **7C00D6**, and if you desaturate by 10%, it is **8515D6**.

Distribution



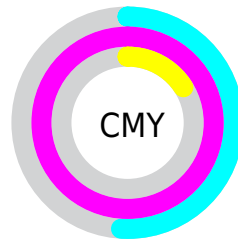
- Red (49%)
- Green (0%)
- Blue (84%)



- Red (49%)
- Yellow (0%)
- Blue (84%)



- Cyan (42%)
- Magenta (100%)
- Yellow (0%)
- Black (16%)



- Cyan (51%)
- Magenta (100%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C00D6 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 7C00D6 by changing the saturation by 10% instead.

 7C00D6

 7C00D6

FFFFFF

 5D00BA

 B84EFF

 3C009E

 D76BFF

 0F0083

 F687FF

 000068

 FFA4FF

 00004F

 FFC1FF

 000537

 FFDEFF

 000221

 FFFCFF

 000006

 000000

 7C00D6

 8515D6

 8E2BD6

 9740D6

 A056D6

 A96BD6

 B280D6

 BB96D6

 C4ABD6

 CDC1D6

Harmonies

Analogous

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



0058FF



7C00D6



CE0088

Triad

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



7C00D6



8E3E00



00727D

Complementary

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



7C00D6



5AD600

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.



006F1E



7C00D6



435E00

Square

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



7C00D6



C30000



006B00



0073CF

Rectangle

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



7C00D6



DE0050



006B00



00715F

Sweetspot

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



7C00D6



DFB3FF



005DD6



6C5280



000000



808080

Same Dimension

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



7C00D6



9400FF



D600C8



67606B



6300AB



19002B

Inverse Universe

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



D6005A



FF006B



00D60E



6B6065



AB0048



2B0012

Previews

White Background



This preview shows how the Hex color 7C00D6 looks on a white background.

Color Contrast Check

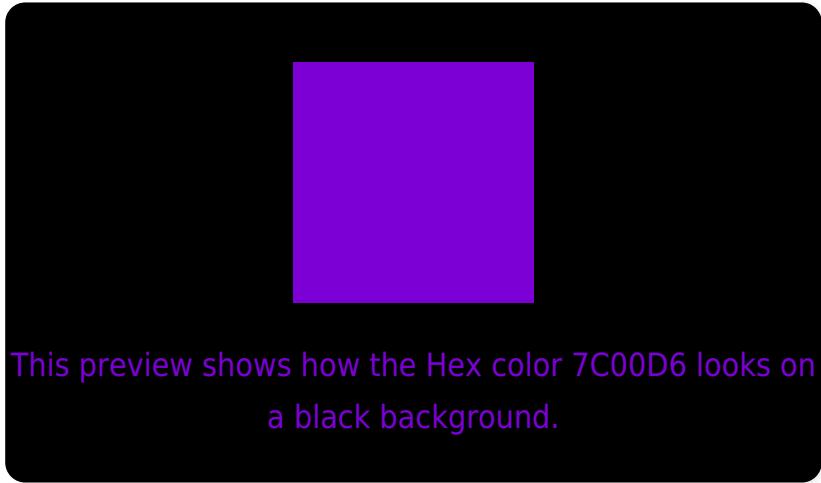
Large Text (above 18pt) WCAG AA ✓ Pass

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

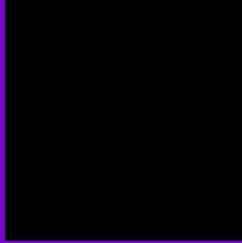
Any Text WCAG AA × Fail

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 7C00D6 Background



This preview shows how black text looks on a background with the Hex color 7C00D6.

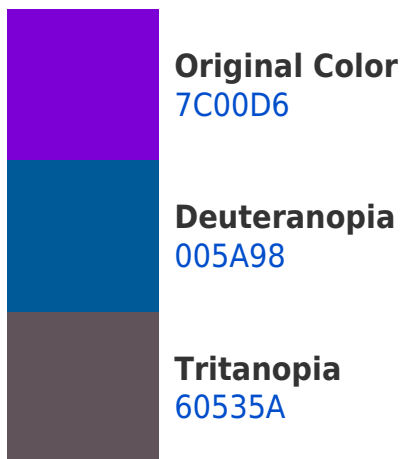


This preview shows how white text looks on a background with the Hex color 7C00D6.

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



Trichromacy



Original Color
7C00D6



Deuteranomaly
2D39AF

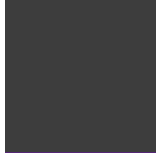


Tritanomaly
6A3587

Monochromacy



Original Color
7C00D6



Achromatopsia
3D3D3D



Achromatomaly
542775

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C00D6 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 #7C00D6 looks like.

```
.text, #text, p{  
    color:#7C00D6  
}
```

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 #7C00D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C00D6
}
```

Border

The CSS property to change the border of an element to Hex 7C00D6 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
#7C00D6 }
```

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

```
.border{ border-color:#7C00D6 }
```

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

Here you see how a box with a 4 pixel #7C00D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C00D6; -webkit-box-shadow:4px 4px  
4px 4px #7C00D6; box-shadow:4px 4px 4px  
4px #7C00D6 }
```

Background

The CSS property to change the background color of an element to Hex 7C00D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C00D6 }
```

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

```
.background{ background-color:#7C00D6 }
```

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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