

Converting Colors

Hex(0700C6)

Have a look what the booklet for
Hex(0700C6) contains.

Hex(0700C6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0700C6)

Conversions

Conversions Part 1

Format	Color
Hex	0700C6
RGB	7, 0, 198
RGB Percent	3%, 0%, 78%
CMY	0.9725, 1.0000, 0.2235
CMYK	0.96, 1.00, 0.00, 0.22
HSL	242°, 100%, 39%
HSV	242°, 100%, 78%
XYZ	10.2807, 4.1224, 53.6799
YIQ	24.6650, -59.3860, 63.0620

Conversions

Conversions Part 2

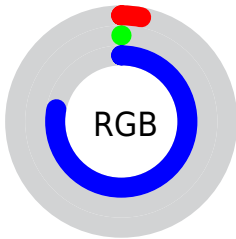
Format	Color
RYB	7, 0, 198
Decimal	458950
CIELab	24.07, 65.51, -88.91
CIELCh	24, 110.433, 306.383
Yxy	4.1224, 0.1510, 0.0605
Android (android.graphics.Color)	4278649030 (0xFF0700C6)
YUV	24.6650, 85.4542, -15.4922
Hunter-Lab	20.3037, 54.8512, -142.5416

Details

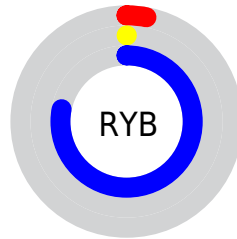
The Hex color **0700C6** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **BFC600**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **6A3FFF**, and **00008E** is the 20% darker color. If you saturate the color by 10%, you get **0700C6**, and if you desaturate by 10%, it is **1A14C6**.

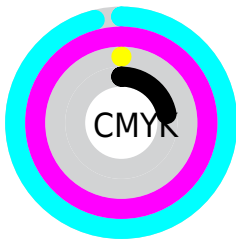
Distribution



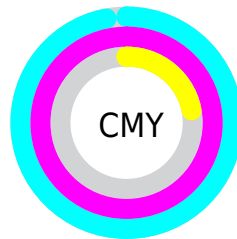
- Red (3%)
- Green (0%)
- Blue (78%)



- Red (3%)
- Yellow (0%)
- Blue (78%)



- Cyan (96%)
- Magenta (100%)
- Yellow (0%)
- Black (22%)



- Cyan (97%)
- Magenta (100%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0700C6 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 0700C6 by changing the saturation by 10% instead.

 0700C6

 0700C6

FFFFFF

 0000AA

 6A3FFF

 00008E

 8B59FF

 000074

 AB73FF

 000D5A

 CB8EFF

 000741

 EAAAFF

 00032A

 FFC6FF

 000114

 FFE3FF

 000000

 0700C6

 1A14C6

 2D28C6

 403BC6

 534FC6

 6763C6

 7A77C6

 8D8BC6

 A09EC6

 B3B2C6

Harmonies

Analogous

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



0047E9



0700C6



9E007E

Triad

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



0700C6



780700



00504A

Complementary

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



0700C6



BFC600

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.



004E00



0700C6



373D00

Square

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



0700C6



A50000



004A00



00549E

Rectangle

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



0700C6



B50048



004A00



004F2D

Sweetspot

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



0700C6



B5B3FF



00BFC6



535280



000000



808080

Same Dimension

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



0700C6



0900FF



6A00C6



5A5A63



0600A3



010024

Inverse Universe

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



C600BF



FF00F6



5CC600



635A63



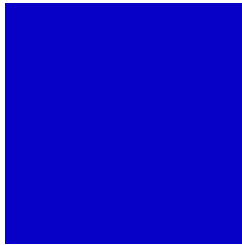
A3009D



240022

Previews

White Background



This preview shows how the Hex color 0700C6 looks on a white background.

Color Contrast Check

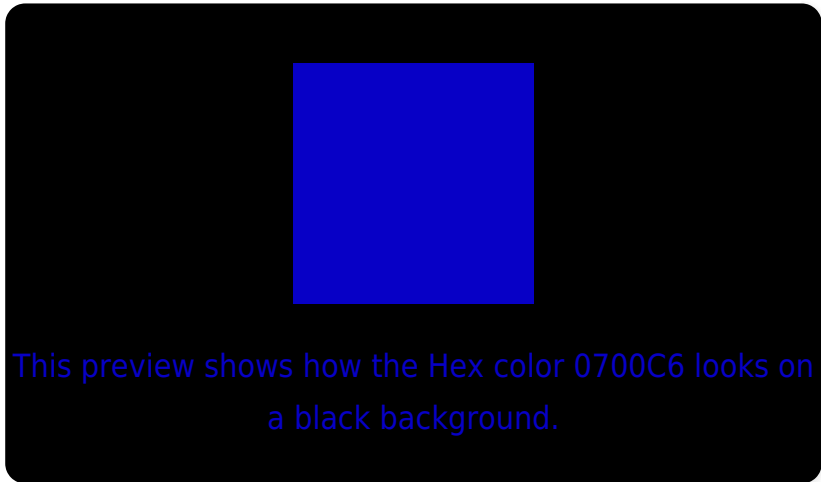
Large Text (above 18pt) WCAG AA ✓ Pass

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 0700C6 Background



This preview shows how black text looks on a background with the Hex color 0700C6.



This preview shows how white text looks on a background with the Hex color 0700C6.

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
0700C6

Protanopia
003A79

Deuteranopia
003E67

Trichromacy



Original Color
0700C6

Protanomaly
032595

Deuteranomaly
03278A

Tritanomaly
032B75

Monochromacy



Original Color
0700C6

Achromatopsia
191919

Achromatomaly
121058

CSS Examples

Text

The CSS property to change the color of the text to Hex 0700C6 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 #0700C6 looks like.

```
.text, #text, p{  
    color:#0700C6  
}
```

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 #0700C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0700C6
}
```

Border

The CSS property to change the border of an element to Hex 0700C6 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".

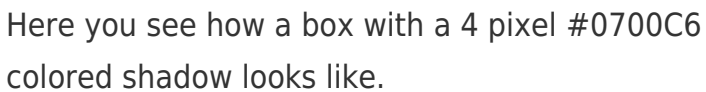
```
.border, #border, table{ border:4px solid
#0700C6 }
```

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

```
.border{ border-color:#0700C6 }
```

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

Here you see how a box with a 4 pixel #0700C6 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0700C6; -webkit-box-shadow:4px 4px  
4px 4px #0700C6; box-shadow:4px 4px 4px  
4px #0700C6 }
```

Background

The CSS property to change the background color of an element to Hex 0700C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0700C6 }
```

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

```
.background{ background-color:#0700C6 }
```

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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