

# Converting Colors

Hex(0700BA)

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

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# Color

**Hex(0700BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0700BA
RGB	7, 0, 186
RGB Percent	3%, 0%, 73%
CMY	0.9725, 1.0000, 0.2706
CMYK	0.96, 1.00, 0.00, 0.27
HSL	242°, 100%, 36%
HSV	242°, 100%, 73%
XYZ	8.9505, 3.5903, 46.6756
YIQ	23.2970, -55.5340, 59.3300

# Conversions

## Conversions Part 2

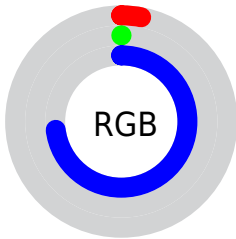
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	7, 0, 186
Decimal	458938
CIE <sub>Lab</sub>	22.27, 62.53, -84.82
CIE <sub>LCh</sub>	22, 105.380, 306.397
Yxy	3.5903, 0.1511, 0.0606
Android (android.graphics.Color)	4278649018 (0xFF0700BA)
YUV	23.2970, 80.2126, -14.2925
Hunter-Lab	18.9482, 51.1586, -132.7870

# Details

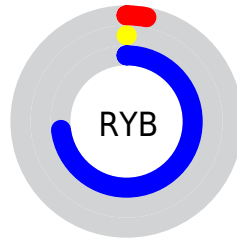
The Hex color **0700BA** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **B3BA00**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **663DF4**, and **000083** is the 20% darker color. If you saturate the color by 10%, you get **0700BA**, and if you desaturate by 10%, it is **1913BA**.

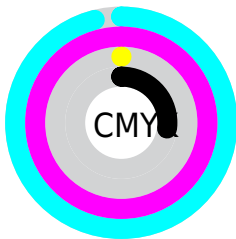
# Distribution



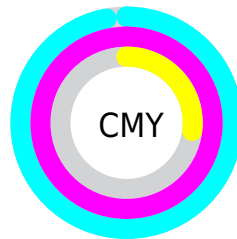
- Red (3%)
- Green (0%)
- Blue (73%)



- Red (3%)
- Yellow (0%)
- Blue (73%)



- Cyan (96%)
- Magenta (100%)
- Yellow (0%)
- Black (27%)



- Cyan (97%)
- Magenta (100%)
- Yellow (27%)

# Brightness & Saturation Gradients

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



 0700BA

 0700BA

 FFFDFD

 00009E

 663DF4

 000083

 8757FF

 000069

 A671FF

 000A4F

 C58CFF

 000537

 E5A7FF

 000221

 FFC3FF

 000006

 FFE0FF

 000000

 0700BA

 1913BA

 2B25BA

 3D38BA

 4F4ABA

 615DBA

 7270BA

 8482BA

 9695BA

 A8A7BA

# Harmonies

## Analogous

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



0042DB



0700BA



950076

# Triad

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



0700BA



710600



004B45

# Complementary

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



0700BA



B3BA00

# 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.



004900



0700BA



333900

# Square

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



0700BA



9B0000



004500



004E94

# Rectangle

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



0700BA



AA0043



004500



004A2A



# Sweetspot

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



0700BA



ACAAF2



00B4BA



504E7A



FAFAFA



7A7A7A



# Same Dimension

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



0700BA



0900F2



6300BA



53535C



06009C



01001C



# Inverse Universe

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



BA00B3



F200E9



57BA00



5C535B



9C0096

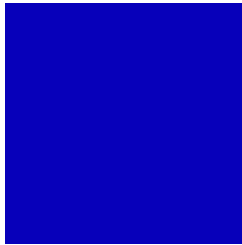


1C001B



# Previews

## White Background



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

## Color Contrast Check

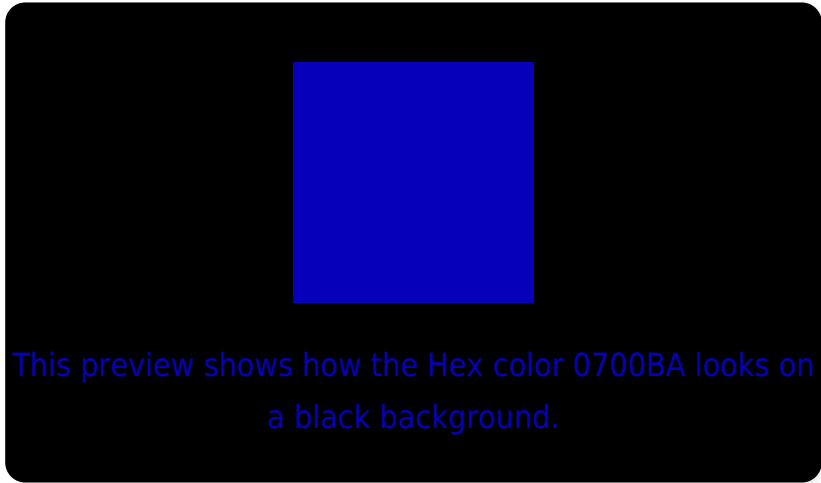
Large Text (above 18pt) WCAG AA ✓ Pass

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

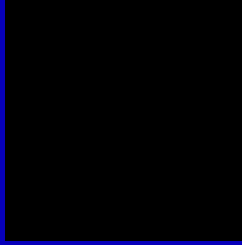
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0700BA Background



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



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

# 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**  
0700BA

**Protanopia**  
003672

**Deuteranopia**  
003A60

# Trichromacy



**Original Color**  
0700BA

**Protanomaly**  
03228C

**Deuteranomaly**  
032581

# Monochromacy



**Original Color**  
0700BA

**Achromatopsia**  
171717

**Achromatomaly**  
110F52

# CSS Examples

## Text

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

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

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 #0700BA colored shadow looks like.

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

## Border

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

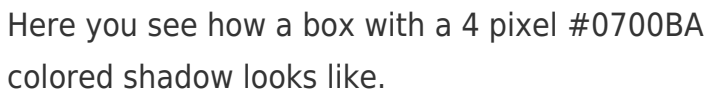
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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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