

Converting Colors

Hex(070AAB)

Have a look what the booklet for
Hex(070AAB) contains.

Hex(070AAB)	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>	28

Color

Hex(070AAB)

Conversions

Conversions Part 1

Format	Color
Hex	070AAB
RGB	7, 10, 171
RGB Percent	3%, 4%, 67%
CMY	0.9725, 0.9608, 0.3294
CMYK	0.96, 0.94, 0.00, 0.33
HSL	239°, 92%, 35%
HSV	239°, 96%, 67%
XYZ	7.5468, 3.2025, 38.7485
YIQ	27.4570, -53.4690, 49.4350

Conversions

Conversions Part 2

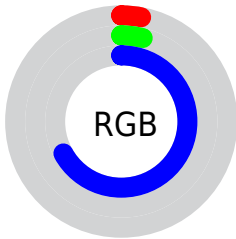
Format	Color
R_{YB}	7, 10, 171
Decimal	461483
CIE _{Lab}	20.84, 56.12, -78.22
CIE _{LCh}	21, 96.269, 305.660
Yxy	3.2025, 0.1525, 0.0647
Android (android.graphics.Color)	4278651563 (0xFF070AAB)
YUV	27.4570, 70.7667, -17.9408
Hunter-Lab	17.8956, 43.9588, -115.8507

Details

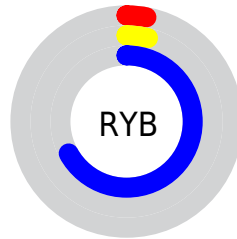
The Hex color **070AAB** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **ABA807**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **613FE4**, and **000075** is the 20% darker color. If you saturate the color by 10%, you get **0003AB**, and if you desaturate by 10%, it is **181BAB**.

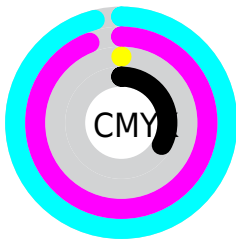
Distribution



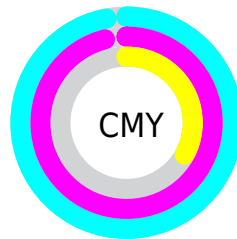
- Red (3%)
- Green (4%)
- Blue (67%)



- Red (3%)
- Yellow (4%)
- Blue (67%)



- Cyan (96%)
- Magenta (94%)
- Yellow (0%)
- Black (33%)



- Cyan (97%)
- Magenta (96%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 070AAB 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 070AAB by changing the saturation by 10% instead.

 070AAB

 070AAB

 FFFDFF

 000090

 613FE4

 000075

 8159FF

 00015B

 A073FF

 000743

 BE8DFF

 00032B

 DDA8FF

 000116

 FCC4FF

 000000

 FFE0FF

 070AAB

 070AAB

■ 0003AB

■ 181BAB

■ 292CAB

■ 3A3CAB

■ 4B4DAB

■ 5C5EAB

■ 6E6FAB

■ 7F80AB

■ 9090AB

■ A1A1AB

Harmonies

Analogous

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



003EC8



070AAB



88006F

Triad

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



070AAB



6A0800



00473F

Complementary

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



070AAB



ABA807

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.



004500



070AAB



333500

Square

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



070AAB



900000



004100



004986

Rectangle

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



070AAB



9C0040



004100



004626

Sweetspot

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



070AAB



9E9FDE



07ABA6



494A70



F0F0F0



707070

Same Dimension

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



070AAB



0004DE



5407AB



4E4E57



000396



000017

Inverse Universe

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



AB070A



DE0004



5EAB07



574E4E



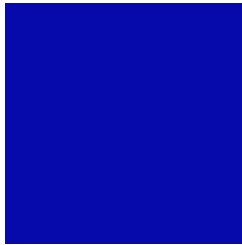
960003



170000

Previews

White Background



This preview shows how the Hex color 070AAB looks on a white background.

Color Contrast Check

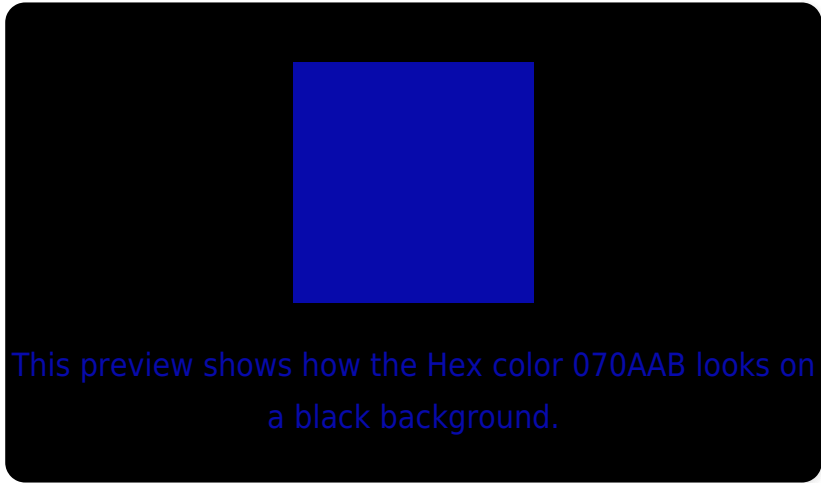
Large Text (above 18pt) WCAG AA ✓ Pass

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

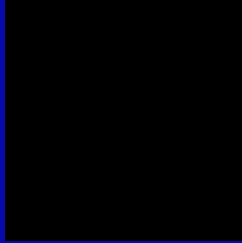
Any Text WCAG AA × Fail

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 070AAB Background



This preview shows how black text looks on a background with the Hex color 070AAB.



This preview shows how white text looks on a background with the Hex color 070AAB.

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
070AAB

Protanopia
00326A

Deuteranopia
00365A

Trichromacy



Original Color
070AAB

Protanomaly
032382

Deuteranomaly
032677

Monochromacy



Original Color
070AAB

Achromatopsia
1B1B1B

Achromatomaly
14154F

CSS Examples

Text

The CSS property to change the color of the text to Hex 070AAB 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 #070AAB looks like.

```
.text, #text, p{  
    color:#070AAB  
}
```

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 #070AAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #070AAB
}
```

Border

The CSS property to change the border of an element to Hex 070AAB is called "border". The border property can be set on classes, ids or directly on the HTML element.

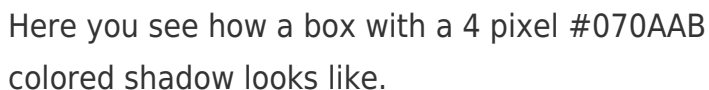
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#070AAB }
```

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

```
.border{ border-color:#070AAB }
```

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



Here you see how a box with a 4 pixel #070AAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #070AAB; -webkit-box-shadow:4px 4px  
4px 4px #070AAB; box-shadow:4px 4px 4px  
4px #070AAB }
```

Background

The CSS property to change the background color of an element to Hex 070AAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#070AAB }
```

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

```
.background{ background-color:#070AAB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor