

Converting Colors

Hex(071BA2)

Have a look what the booklet for
Hex(071BA2) contains.

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Color

Hex(071BA2)

Conversions

Conversions Part 1

Format	Color
Hex	071BA2
RGB	7, 27, 162
RGB Percent	3%, 11%, 64%
CMY	0.9725, 0.8941, 0.3647
CMYK	0.96, 0.83, 0.00, 0.36
HSL	232°, 92%, 33%
HSV	232°, 96%, 64%
XYZ	7.0011, 3.4377, 34.4770
YIQ	36.4100, -55.2550, 37.7450

Conversions

Conversions Part 2

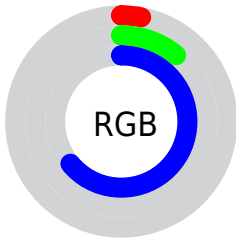
Format	Color
R_{YB}	7, 25, 162
Decimal	465826
CIE _{Lab}	21.72, 47.02, -71.29
CIE _{LCh}	22, 85.397, 303.407
Yxy	3.4377, 0.1559, 0.0765
Android (android.graphics.Color)	4278655906 (0xFF071BA2)
YUV	36.4100, 61.9159, -25.7926
Hunter-Lab	18.5410, 34.9557, -97.2712

Details

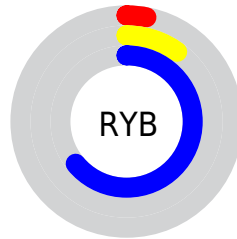
The Hex color **071BA2** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **A28E07**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **5D4ADA**, and **00006D** is the 20% darker color. If you saturate the color by 10%, you get **0015A2**, and if you desaturate by 10%, it is **1729A2**.

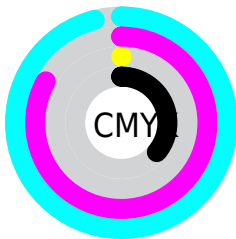
Distribution



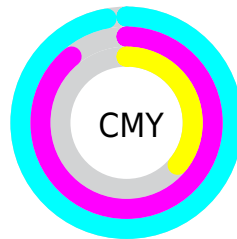
- Red (3%)
- Green (11%)
- Blue (64%)



- Red (3%)
- Yellow (10%)
- Blue (64%)



- Cyan (96%)
- Magenta (83%)
- Yellow (0%)
- Black (36%)



- Cyan (97%)
- Magenta (89%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 071BA2 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 071BA2 by changing the saturation by 10% instead.

071BA2

071BA2

FFFFFF

000487

5D4ADA

00006D

7C63F7

000253

9A7CFF

00063B

B897FF

000225

D6B2FF

00010D

F5CDFF

000000

FFFAFF

071BA2

071BA2

■ 0015A2

■ 1729A2

■ 2737A2

■ 3845A2

■ 4853A2

■ 5862A2

■ 6870A2

■ 787EA2

■ 898CA2

■ 999AA2

Harmonies

Analogous

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



003FB9



071BA2



7E006E

Triad

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



071BA2



6B0F00



00483A

Complementary

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



071BA2



A28E07

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.



004600



071BA2



3B3500

Square

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



071BA2



8C0000



004100



00497A

Rectangle

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



071BA2



930045



004100



004724

Sweetspot

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



071BA2



969ED4



07A28D



464A6B



EBEBEB



6B6B6B

Same Dimension

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



071BA2



001BD4



4007A2



494A52



001391



000212

Inverse Universe

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



A2071B



D4001B



69A207



52494A



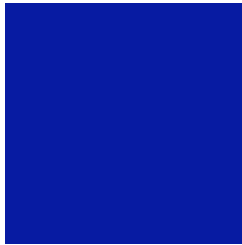
910013



120002

Previews

White Background



This preview shows how the Hex color 071BA2 looks on a white background.

Color Contrast Check

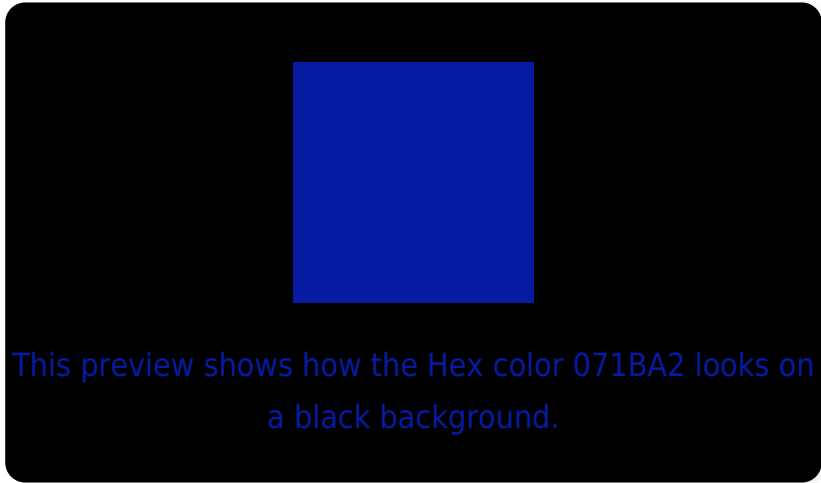
Large Text (above 18pt) WCAG AA ✓ Pass

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

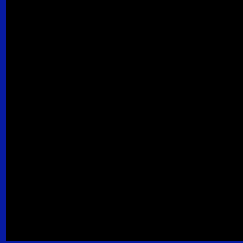
Any Text WCAG AA × Fail

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 071BA2 Background



This preview shows how black text looks on a background with the Hex color 071BA2.



This preview shows how white text looks on a background with the Hex color 071BA2.

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
071BA2

Protanopia
00336C

Deuteranopia
00375B



Tritanopia
003B3E

Trichromacy



Original Color
071BA2

Protanomaly
032A80

Deuteranomaly
032D75

Tritanomaly
032F62

Monochromacy



Original Color
071BA2

Achromatopsia
242424

Achromatomaly
192152

CSS Examples

Text

The CSS property to change the color of the text to Hex 071BA2 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 #071BA2 looks like.

```
.text, #text, p{  
    color:#071BA2  
}
```

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 #071BA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #071BA2
}
```

Border

The CSS property to change the border of an element to Hex 071BA2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

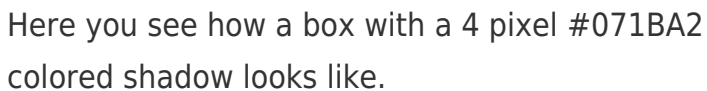
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#071BA2 }
```

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

```
.border{ border-color:#071BA2 }
```

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



Here you see how a box with a 4 pixel #071BA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #071BA2; -webkit-box-shadow:4px 4px  
4px 4px #071BA2; box-shadow:4px 4px 4px  
4px #071BA2 }
```

Background

The CSS property to change the background color of an element to Hex 071BA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#071BA2 }
```

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

```
.background{ background-color:#071BA2 }
```

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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