

Converting Colors

Hex(771AB2)

Have a look what the booklet for
Hex(771AB2) contains.

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Color

Hex(771AB2)

Conversions

Conversions Part 1

Format	Color
Hex	771AB2
RGB	119, 26, 178
RGB Percent	47%, 10%, 70%
CMY	0.5333, 0.8980, 0.3020
CMYK	0.33, 0.85, 0.00, 0.30
HSL	277°, 75%, 40%
HSV	277°, 85%, 70%
XYZ	16.0130, 7.8751, 42.7955
YIQ	71.1350, 6.6360, 66.9880

Conversions

Conversions Part 2

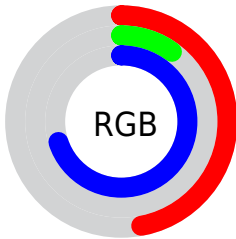
Format	Color
R_{YB}	119, 26, 178
Decimal	7805618
CIE _{Lab}	33.72, 61.84, -60.78
CIE _{LCh}	34, 86.702, 315.496
Yxy	7.8751, 0.2401, 0.1181
Android (android.graphics.Color)	4285995698 (0xFF771AB2)
YUV	71.1350, 52.6844, 41.9776
Hunter-Lab	28.0626, 52.7459, -70.7737

Details

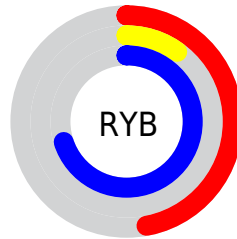
The Hex color **771AB2** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **55B21A**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **B055EB**, and **3E007C** is the 20% darker color. If you saturate the color by 10%, you get **7008B2**, and if you desaturate by 10%, it is **7E2CB2**.

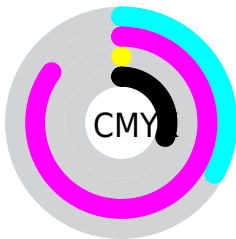
Distribution



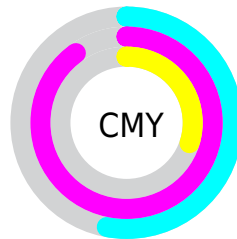
- Red (47%)
- Green (10%)
- Blue (70%)



- Red (47%)
- Yellow (10%)
- Blue (70%)



- Cyan (33%)
- Magenta (85%)
- Yellow (0%)
- Black (30%)



- Cyan (53%)
- Magenta (90%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 771AB2 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 771AB2 by changing the saturation by 10% instead.

771AB2

771AB2

FFFFFF

5B0097

B055EB

3E007C

CE70FF

1F0062

EB8BFF

000049

FFA7FF

000432

FFC4FF

00011C

FFE0FF

000000

FFFEFF

771AB2

771AB2

7008B2

7E2CB2

6D00B2

853EB2

8C4FB2

9361B2

9A73B2

A085B2

A797B2

AEA8B2

B5BAB2

Harmonies

Analogous

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



004ED8



771AB2



B30074

Triad

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



771AB2



7C4000



006873

Complementary

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



771AB2



55B21A

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.



006629



771AB2



405700

Square

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



771AB2



A80000



006200



0068B2

Rectangle

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



771AB2



BE0047



006200



00675B

Sweetspot

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



771AB2



D1ACE8



1A57B2



675175



F5F5F5



757575

Same Dimension

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



771AB2



8E00E8



B21AA3



565059



5E0099



10001A

Inverse Universe

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



B21A55



E8005A



1AB229



595054



99003B



1A000A

Previews

White Background



This preview shows how the Hex color 771AB2 looks on a white background.

Color Contrast Check

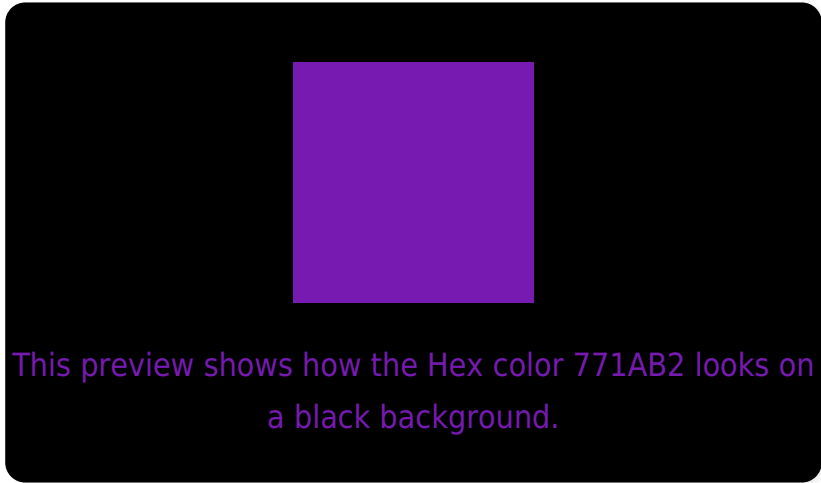
Large Text (above 18pt) WCAG AA ✓ Pass

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

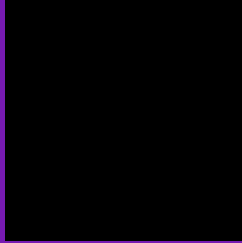
Any Text WCAG AA × Fail

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 771AB2 Background



This preview shows how black text looks on a background with the Hex color 771AB2.

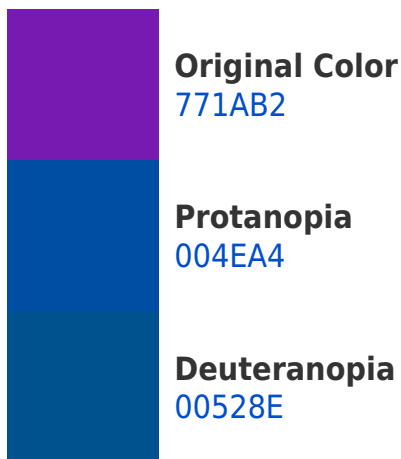



This preview shows how white text looks on a background with the Hex color 771AB2.

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





Tritanopia
65494E

Trichromacy



Original Color

771AB2



Protanomaly

2B3BA9



Deuteranomaly

2B3E9B



Tritanomaly

6C3872

Monochromacy



Original Color

771AB2



Achromatopsia

474747



Achromatomaly

58376E

CSS Examples

Text

The CSS property to change the color of the text to Hex 771AB2 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 #771AB2 looks like.

```
.text, #text, p{  
    color:#771AB2  
}
```

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 #771AB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #771AB2
}
```

Border

The CSS property to change the border of an element to Hex 771AB2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

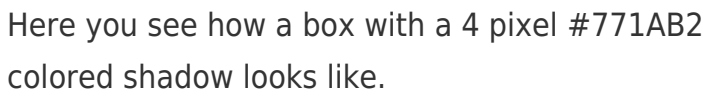
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#771AB2 }
```

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

```
.border{ border-color:#771AB2 }
```

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



Here you see how a box with a 4 pixel `#771AB2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #771AB2; -webkit-box-shadow:4px 4px  
4px 4px #771AB2; box-shadow:4px 4px 4px  
4px #771AB2 }
```

Background

The CSS property to change the background color of an element to Hex 771AB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#771AB2 }
```

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

```
.background{ background-color:#771AB2 }
```

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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