

Converting Colors

Hex(7D71AB)

Have a look what the booklet for
Hex(7D71AB) contains.

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Color

Hex(7D71AB)

Conversions

Conversions Part 1

Format	Color
Hex	7D71AB
RGB	125, 113, 171
RGB Percent	49%, 44%, 67%
CMY	0.5098, 0.5569, 0.3294
CMYK	0.27, 0.34, 0.00, 0.33
HSL	252°, 26%, 56%
HSV	252°, 34%, 67%
XYZ	21.7133, 19.1105, 41.0724
YIQ	123.2000, -11.4660, 20.5820

Conversions

Conversions Part 2

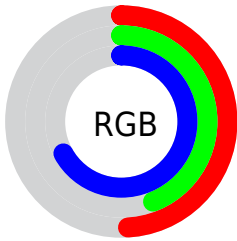
Format	Color
R_{YB}	125, 113, 171
Decimal	8221099
CIE _{Lab}	50.82, 17.65, -29.31
CIE _{LCh}	51, 34.215, 301.064
Yxy	19.1105, 0.2651, 0.2334
Android (android.graphics.Color)	4286411179 (0xFF7D71AB)
YUV	123.2000, 23.5654, 1.5786
Hunter-Lab	43.7156, 12.1577, -25.1042

Details

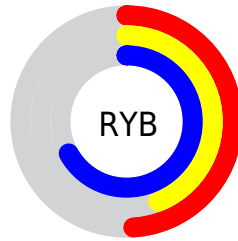
The Hex color **7D71AB** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9FAB71**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B3A5E3**, and **4A4176** is the 20% darker color. If you saturate the color by 10%, you get **6F60AB**, and if you desaturate by 10%, it is **8B82AB**.

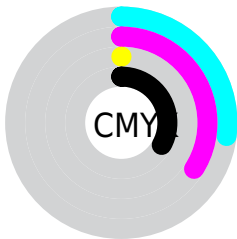
Distribution



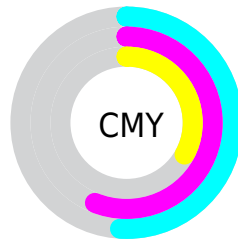
- Red (49%)
- Green (44%)
- Blue (67%)



- Red (49%)
- Yellow (44%)
- Blue (67%)



- Cyan (27%)
- Magenta (34%)
- Yellow (0%)
- Black (33%)



- Cyan (51%)
- Magenta (56%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D71AB 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 7D71AB by changing the saturation by 10% instead.

■ 7D71AB

■ 7D71AB

FFFFFF

■ 635890

■ B3A5E3

■ 4A4176

■ CFC0FF

■ 322B5E

■ EBDCFF

■ 1A1646

■ FFF8FF

■ 06002F

■ 000119

■ 000000

■ 7D71AB

■ 7D71AB

■ 6F60AB

■ 8B82AB

624FAB

9893AB

543EAB

A6A4AB

472DAB

B3B5AB

391BAB

C1C6AB

2C0AAB

CED8AB

2300AB

DCE9AB

E9FAAB

F7FFAB

Harmonies

Analogous

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



4C7CB3



7D71AB



9E6796

Triad

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



7D71AB



A26D47



0C8879

Complementary

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



7D71AB



9FAB71

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.



48865C



7D71AB



8A783E

Square

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



7D71AB



AF645C



6C8046



008796

Rectangle

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



7D71AB



AB6283



6C8046



28886F

Sweetspot

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



7D71AB



CCC8DE



719FAB



666370



F0F0F0



707070

Same Dimension

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



7D71AB



9683DE



9A71AB



504E57



1F0096



050017

Inverse Universe

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



AB719F



DE83CB



82AB71



574E55



960077



170012

Previews

White Background



This preview shows how the Hex color 7D71AB looks on a white background.

Color Contrast Check

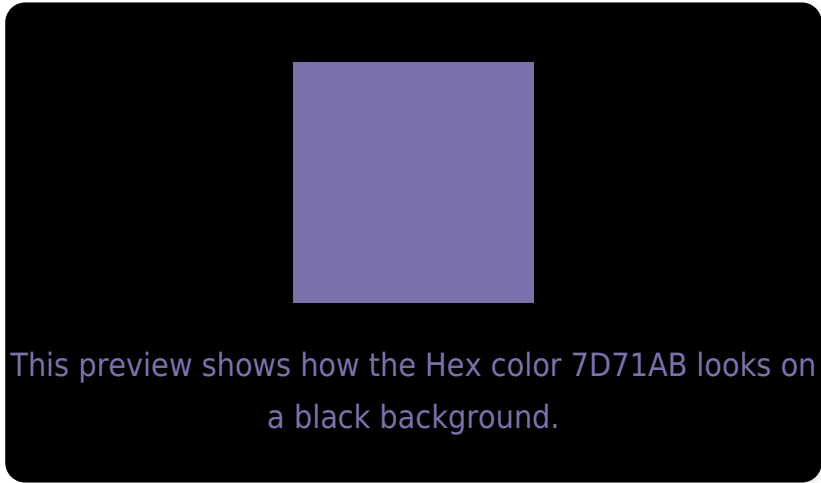
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 × Fail

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

Hex 7D71AB Background



This preview shows how black text looks on a background with the Hex color 7D71AB.

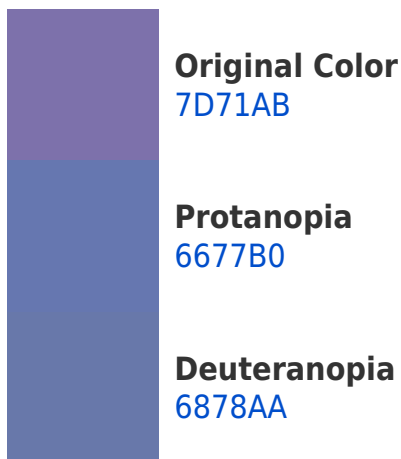


This preview shows how white text looks on a background with the Hex color 7D71AB.

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
757983

Trichromacy



Original Color
7D71AB

Protanomaly
6E75AE

Deuteranomaly
7075AA

Tritanomaly
787692

Monochromacy



Original Color
7D71AB

Achromatopsia
7B7B7B

Achromatomaly
7C778C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D71AB 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 #7D71AB looks like.

```
.text, #text, p{  
    color:#7D71AB  
}
```

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 #7D71AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D71AB
}
```

Border

The CSS property to change the border of an element to Hex 7D71AB 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".

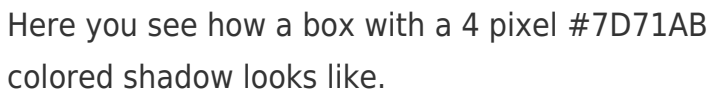
```
.border, #border, table{ border:4px solid
#7D71AB }
```

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

```
.border{ border-color:#7D71AB }
```

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

Here you see how a box with a 4 pixel #7D71AB colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D71AB; -webkit-box-shadow:4px 4px  
4px 4px #7D71AB; box-shadow:4px 4px 4px  
4px #7D71AB }
```

Background

The CSS property to change the background color of an element to Hex 7D71AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D71AB }
```

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

```
.background{ background-color:#7D71AB }
```

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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