

Converting Colors

Hex(7D72B1)

Have a look what the booklet for
Hex(7D72B1) contains.

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Color

Hex(7D72B1)

Conversions

Conversions Part 1

Format	Color
Hex	7D72B1
RGB	125, 114, 177
RGB Percent	49%, 45%, 69%
CMY	0.5098, 0.5529, 0.3059
CMYK	0.29, 0.36, 0.00, 0.31
HSL	250°, 29%, 57%
HSV	250°, 36%, 69%
XYZ	22.4106, 19.5689, 44.1910
YIQ	124.4710, -13.6670, 21.9250

Conversions

Conversions Part 2

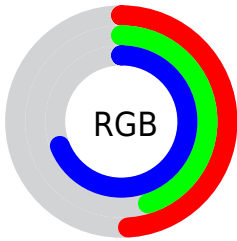
Format	Color
R_{YB}	125, 114, 177
Decimal	8221361
CIE _{Lab}	51.35, 18.61, -31.96
CIE _{LCh}	51, 36.985, 300.206
Yxy	19.5689, 0.2601, 0.2271
Android (android.graphics.Color)	4286411441 (0xFF7D72B1)
YUV	124.4710, 25.8968, 0.4639
Hunter-Lab	44.2368, 13.0146, -28.2629

Details

The Hex color **7D72B1** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A6B172**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B3A6E9**, and **4A427C** is the 20% darker color. If you saturate the color by 10%, you get **6E60B1**, and if you desaturate by 10%, it is **8C84B1**.

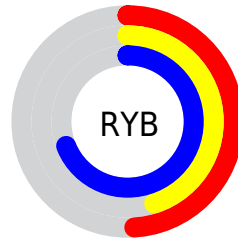
Distribution



Red (49%)

Green (45%)

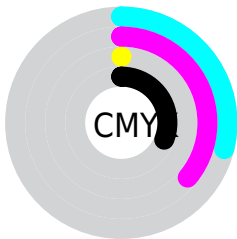
Blue (69%)



Red (49%)

Yellow (45%)

Blue (69%)

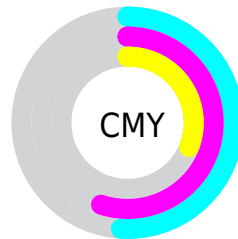


Cyan (29%)

Magenta (36%)

Yellow (0%)

Black (31%)



Cyan (51%)

Magenta (55%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D72B1 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 7D72B1 by changing the saturation by 10% instead.

7D72B1

7D72B1

FFFFFF

635996

B3A6E9

4A427C

CFC1FF

312C63

ECDDFF

18174B

FFFAFF

030034

00021E

000000

7D72B1

7D72B1

6E60B1

8C84B1

604FB1

9A95B1

513DB1

A9A7B1

432BB1

B7B9B1

341AB1

C6CBB1

2508B1

D5DCB1

1F00B1

E3EEB1

F2FFB1

FFFFB1

Harmonies

Analogous

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



457EB9



7D72B1



A2669A

Triad

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



7D72B1



A66D44



008B7A

Complementary

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



7D72B1



A6B172

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.



45885A



7D72B1



8D793A

Square

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



7D72B1



B5635C



6D8242



008A99

Rectangle

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



7D72B1



B06186



6D8242



1D8A6F

Sweetspot

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



7D72B1



D1CCE6



72A6B1



666473



F2F2F2



737373

Same Dimension

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



7D72B1



9483E6



9C72B1



525059



1B0099



04001A

Inverse Universe

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



B172A6



E683D4



87B172



595058



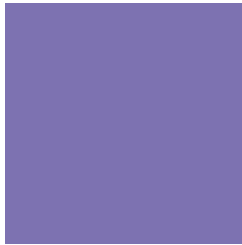
99007E



1A0015

Previews

White Background



This preview shows how the Hex color 7D72B1 looks on a white background.

Color Contrast Check

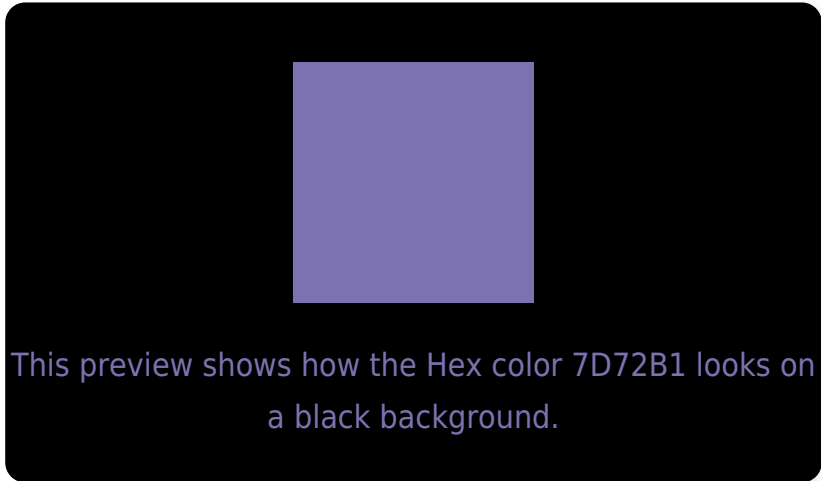
Large Text (above 18pt) WCAG AA ✓ Pass

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 7D72B1 Background



This preview shows how black text looks on a background with the Hex color 7D72B1.

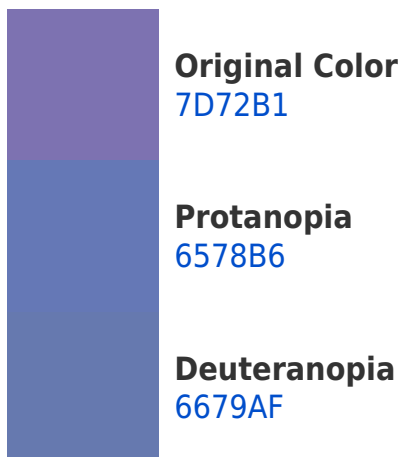


This preview shows how white text looks on a background with the Hex color 7D72B1.

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
747B85

Trichromacy



Original Color
7D72B1

Protanomaly
6E76B4

Deuteranomaly
6E76B0

Tritanomaly
777895

Monochromacy



Original Color
7D72B1

Achromatopsia
7C7C7C

Achromatomaly
7C788F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D72B1 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 #7D72B1 looks like.

```
.text, #text, p{  
    color:#7D72B1  
}
```

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 #7D72B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D72B1
}
```

Border

The CSS property to change the border of an element to Hex 7D72B1 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
#7D72B1 }
```

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

```
.border{ border-color:#7D72B1 }
```

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

Here you see how a box with a 4 pixel #7D72B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D72B1; -webkit-box-shadow:4px 4px  
4px 4px #7D72B1; box-shadow:4px 4px 4px  
4px #7D72B1 }
```

Background

The CSS property to change the background color of an element to Hex 7D72B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D72B1 }
```

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

```
.background{ background-color:#7D72B1 }
```

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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