

Converting Colors

Hex(7D2AD2)

Have a look what the booklet for
Hex(7D2AD2) contains.

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Color

Hex(7D2AD2)

Conversions

Conversions Part 1

Format	Color
Hex	7D2AD2
RGB	125, 42, 210
RGB Percent	49%, 16%, 82%
CMY	0.5098, 0.8353, 0.1765
CMYK	0.40, 0.80, 0.00, 0.18
HSL	270°, 67%, 49%
HSV	270°, 80%, 82%
XYZ	20.9183, 10.6690, 61.9296
YIQ	85.9690, -4.4600, 69.8440

Conversions

Conversions Part 2

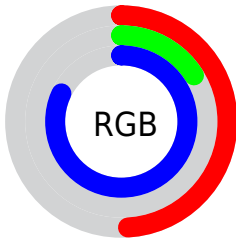
Format	Color
R_{YB}	125, 42, 210
Decimal	8202962
CIE _{Lab}	39.02, 64.73, -70.85
CIE _{LCh}	39, 95.971, 312.418
Yxy	10.6690, 0.2237, 0.1141
Android (android.graphics.Color)	4286393042 (0xFF7D2AD2)
YUV	85.9690, 61.1473, 34.2302
Hunter-Lab	32.6635, 57.1533, -89.5486

Details

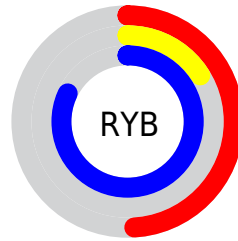
The Hex color **7D2AD2** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **7FD22A**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **B862FF**, and **40009A** is the 20% darker color. If you saturate the color by 10%, you get **7215D2**, and if you desaturate by 10%, it is **883FD2**.

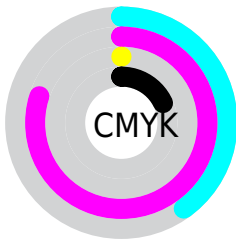
Distribution



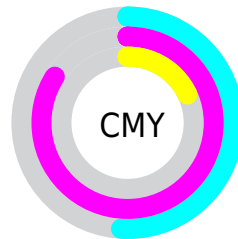
- Red (49%)
- Green (16%)
- Blue (82%)



- Red (49%)
- Yellow (16%)
- Blue (82%)



- Cyan (40%)
- Magenta (80%)
- Yellow (0%)
- Black (18%)



- Cyan (51%)
- Magenta (84%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D2AD2 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 7D2AD2 by changing the saturation by 10% instead.

7D2AD2

7D2AD2

FFFFFF

5F01B6

B862FF

40009A

D67DFF

1B007F

F499FF

000065

FFB5FF

00004C

FFD2FF

000434

FFEFFF

00021E

000000

7D2AD2

7D2AD2

7215D2

883FD2

6800D2

9254D2

9D69D2

A77ED2

B293D2

BDA8D2

C7BDD2

D2D2D2

DDE7D2

Harmonies

Analogous

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



005EF9



7D2AD2



C9008D

Triad

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



7D2AD2



954600



00787C

Complementary

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



7D2AD2



7FD22A

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.



007527



7D2AD2



536300

Square

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



7D2AD2



C40000



007000



0078C6

Rectangle

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



7D2AD2



D9005A



007000



007761

Sweetspot

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



7D2AD2



E0C2FF



2A81D2



6D5B80



000000



808080

Same Dimension

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



7D2AD2



830AFF



CF2AD2



635E69



5300A8



140029

Inverse Universe

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



D22A7F



FF0A86



2DD22A



695E63



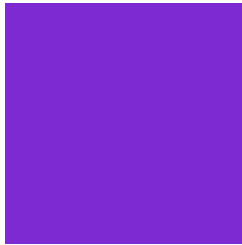
A80055



290015

Previews

White Background



This preview shows how the Hex color 7D2AD2 looks on a white background.

Color Contrast Check

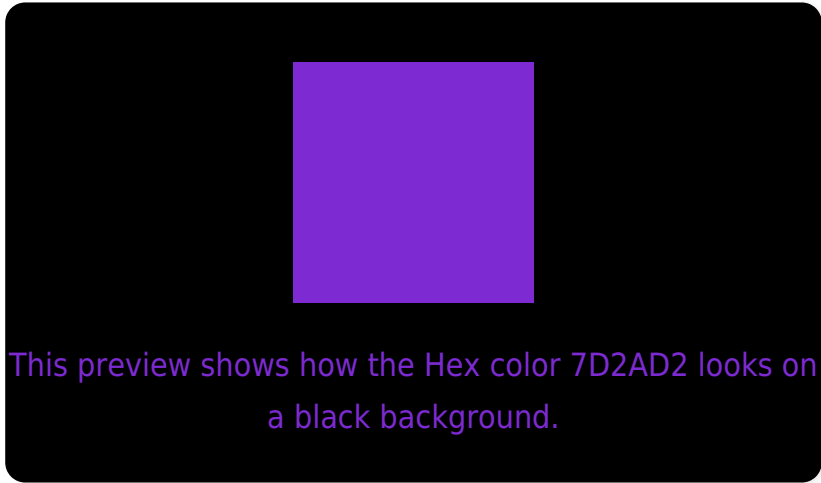
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

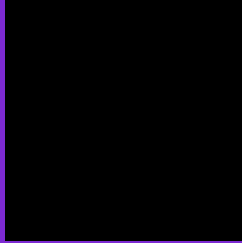
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 7D2AD2 Background



This preview shows how black text looks on a background with the Hex color 7D2AD2.

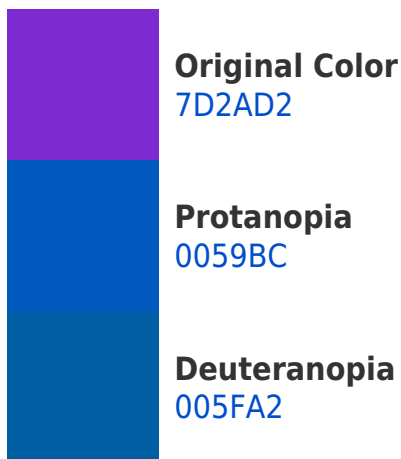


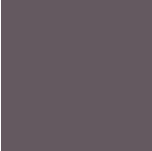
This preview shows how white text looks on a background with the Hex color 7D2AD2.

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](#).

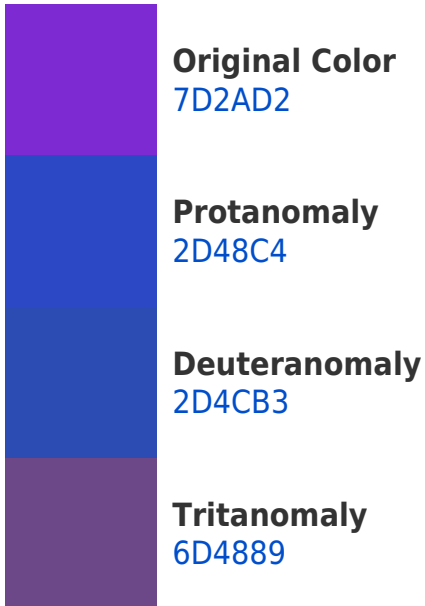
Dichromacy



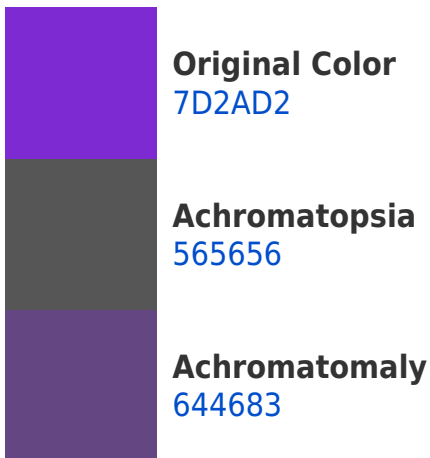


Tritanopia
645960

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7D2AD2 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 #7D2AD2 looks like.

```
.text, #text, p{  
    color:#7D2AD2  
}
```

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 #7D2AD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D2AD2
}
```

Border

The CSS property to change the border of an element to Hex 7D2AD2 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".

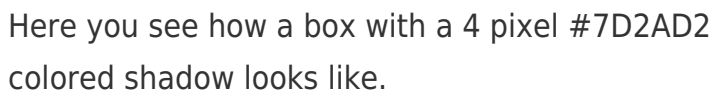
```
.border, #border, table{ border:4px solid
#7D2AD2 }
```

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

```
.border{ border-color:#7D2AD2 }
```

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

Here you see how a box with a 4 pixel #7D2AD2 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 #7D2AD2; -webkit-box-shadow:4px 4px  
4px 4px #7D2AD2; box-shadow:4px 4px 4px  
4px #7D2AD2 }
```

Background

The CSS property to change the background color of an element to Hex 7D2AD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D2AD2 }
```

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

```
.background{ background-color:#7D2AD2 }
```

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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