

Converting Colors

Hex(7D27B3)

Have a look what the booklet for
Hex(7D27B3) contains.

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Color

Hex(7D27B3)

Conversions

Conversions Part 1

Format	Color
Hex	7D27B3
RGB	125, 39, 179
RGB Percent	49%, 15%, 70%
CMY	0.5098, 0.8471, 0.2980
CMYK	0.30, 0.78, 0.00, 0.30
HSL	277°, 64%, 43%
HSV	277°, 78%, 70%
XYZ	17.3196, 9.0657, 43.4848
YIQ	80.6740, 6.3160, 61.7720

Conversions

Conversions Part 2

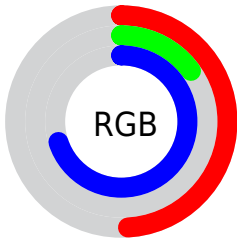
Format	Color
R _{YB}	125, 39, 179
Decimal	8202163
CIE _{Lab}	36.11, 58.85, -57.44
CIE _{LCh}	36, 82.237, 315.697
Yxy	9.0657, 0.2479, 0.1298
Android (android.graphics.Color)	4286392243 (0xFF7D27B3)
YUV	80.6740, 48.4747, 38.8739
Hunter-Lab	30.1093, 49.9867, -64.5521

Details

The Hex color **7D27B3** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **5DB327**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **B65EEC**, and **45007D** is the 20% darker color. If you saturate the color by 10%, you get **7615B3**, and if you desaturate by 10%, it is **8439B3**.

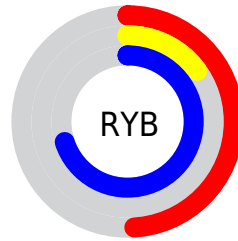
Distribution



Red (49%)

Green (15%)

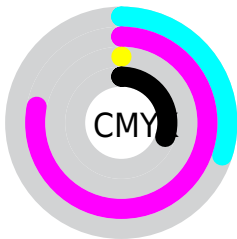
Blue (70%)



Red (49%)

Yellow (15%)

Blue (70%)

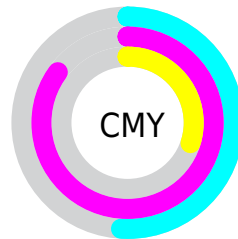


Cyan (30%)

Magenta (78%)

Yellow (0%)

Black (30%)



Cyan (51%)

Magenta (85%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D27B3 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 7D27B3 by changing the saturation by 10% instead.

 7D27B3

 7D27B3

FFFFFF

 610098

 B65EEC

 45007D

 D379FF

 270063

 F194FF

 04004B

 FFB0FF

 000433

 FFCDFE

 00021D

 FFEAFF

 000000

 7D27B3

 7D27B3

 7615B3

 8439B3

 6F03B3

 8B4BB3

 6E00B3

 925DB3

 996FB3

 A080B3

 A692B3

 ADA4B3

 B4B6B3

 BBC8B3

Harmonies

Analogous

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



0053D7



7D27B3



B50077

Triad

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



7D27B3



824600



006E77

Complementary

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



7D27B3



5DB327

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.



006C31



7D27B3



485D00

Square

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



7D27B3



AC0F00



006700



006DB4

Rectangle

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



7D27B3



C1004C



006700



006D60

Sweetspot

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



7D27B3



D3B3E8



275FB3



695475



F5F5F5



757575

Same Dimension

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



7D27B3



940EE8



B327A5



565059



5E0099



10001A

Inverse Universe

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



B3275D



E80E62



27B335



595054



99003B



1A000A

Previews

White Background



This preview shows how the Hex color 7D27B3 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

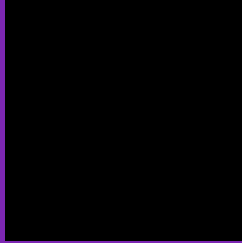
Any Text WCAG AA × Fail

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 7D27B3 Background



This preview shows how black text looks on a background with the Hex color 7D27B3.

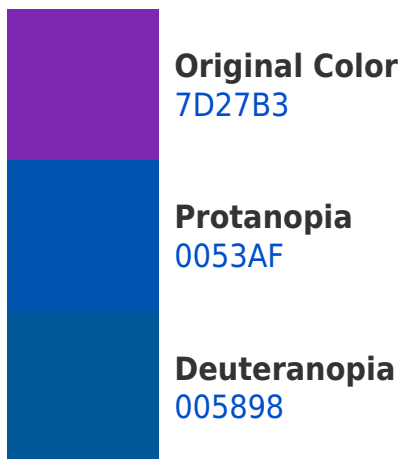


This preview shows how white text looks on a background with the Hex color 7D27B3.

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](#).

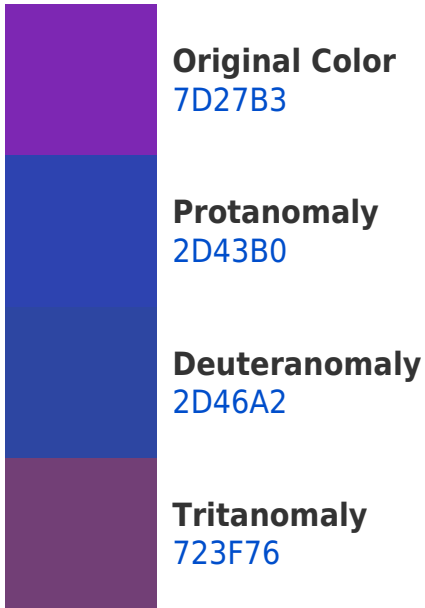
Dichromacy



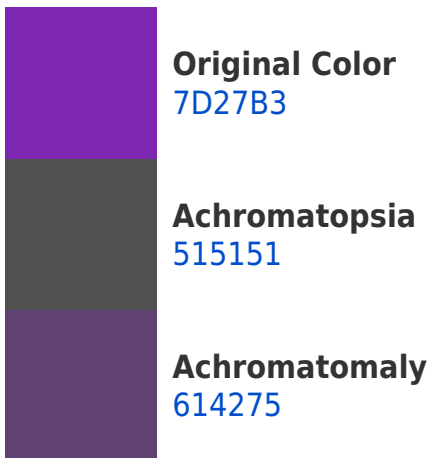


Tritanopia
6C4D53

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7D27B3 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 #7D27B3 looks like.

```
.text, #text, p{  
    color:#7D27B3  
}
```

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 #7D27B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D27B3
}
```

Border

The CSS property to change the border of an element to Hex 7D27B3 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
#7D27B3 }
```

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

```
.border{ border-color:#7D27B3 }
```

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

Here you see how a box with a 4 pixel #7D27B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D27B3; -webkit-box-shadow:4px 4px  
4px 4px #7D27B3; box-shadow:4px 4px 4px  
4px #7D27B3 }
```

Background

The CSS property to change the background color of an element to Hex 7D27B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D27B3 }
```

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

```
.background{ background-color:#7D27B3 }
```

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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