

# Converting Colors

Hex(7D27B6)

Have a look what the booklet for  
Hex(7D27B6) contains.

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# Color

**Hex(7D27B6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D27B6
RGB	125, 39, 182
RGB Percent	49%, 15%, 71%
CMY	0.5098, 0.8471, 0.2863
CMYK	0.31, 0.79, 0.00, 0.29
HSL	276°, 65%, 43%
HSV	276°, 79%, 71%
XYZ	17.6265, 9.1884, 45.1005
YIQ	81.0160, 5.3530, 62.7050

# Conversions

## Conversions Part 2

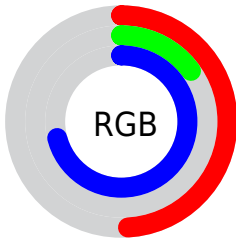
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 39, 182
Decimal	8202166
CIELab	36.34, 59.51, -58.84
CIELCh	36, 83.684, 315.325
Yxy	9.1884, 0.2451, 0.1278
Android (android.graphics.Color)	4286392246 (0xFF7D27B6)
YUV	81.0160, 49.7851, 38.5740
Hunter-Lab	30.3124, 50.7499, -66.9963

# Details

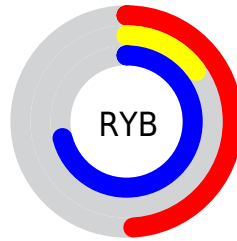
The Hex color **7D27B6** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **60B627**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **B65EEF**, and **440080** is the 20% darker color. If you saturate the color by 10%, you get **7615B6**, and if you desaturate by 10%, it is **8439B6**.

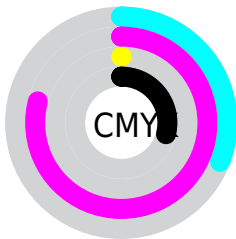
# Distribution



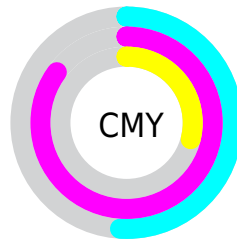
- Red (49%)
- Green (15%)
- Blue (71%)



- Red (49%)
- Yellow (15%)
- Blue (71%)



- Cyan (31%)
- Magenta (79%)
- Yellow (0%)
- Black (29%)



- Cyan (51%)
- Magenta (85%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D27B6 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 7D27B6 by changing the saturation by 10% instead.



7D27B6

7D27B6

FFFFFF

61009B

B65EEF

440080

D379FF

260066

F195FF

01004D

FFB1FF

000435

FFCDDF

00021F

FFEAFF

000002

000000

7D27B6

7D27B6

 7615B6

 8439B6

 6E03B6

 8C4BB6

 6D00B6

 935EB6

 9A70B6

 A182B6

 A994B6

 B0A6B6

 B7B9B6

 BECBB6

# Harmonies

## Analogous

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



0054DB



7D27B6



B70079

# Triad

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



7D27B6



844600



006F78

# Complementary

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



7D27B6



60B627

# 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.



006D30



7D27B6



495D00

# Square

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



7D27B6



AE0900



006800



006EB6

# Rectangle

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



7D27B6



C3004D



006800



006E60



# Sweetspot

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



7D27B6



D6B4ED



2760B6



6A5578



F7F7F7



787878



# Same Dimension

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



7D27B6



940EED



B627A8



58535C



5E009C



11001C



# Inverse Universe

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



B62760



ED0E67



27B635



5C5356



9C003E

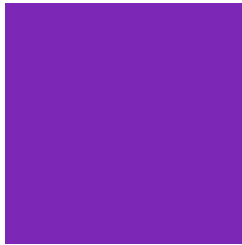


1C000B



# Previews

## White Background



This preview shows how the Hex color 7D27B6 looks on a white background.

## Color Contrast Check

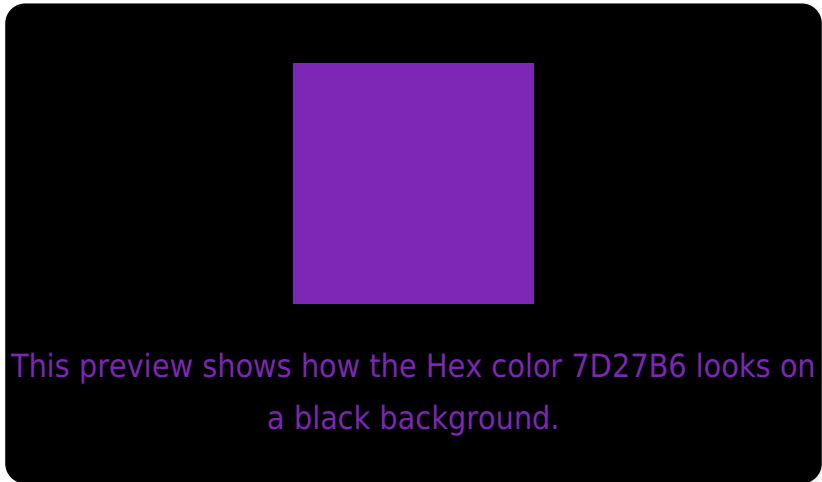
Large Text (above 18pt) WCAG AA ✓ Pass

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

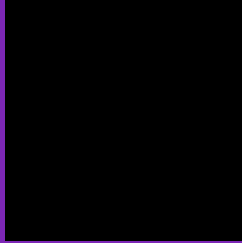
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D27B6 Background



This preview shows how black text looks on a background with the Hex color 7D27B6.



This preview shows how white text looks on a background with the Hex color 7D27B6.

# 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](#).

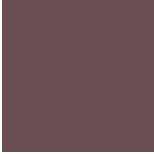
## Dichromacy



**Original Color**  
7D27B6

**Protanopia**  
0053B0

**Deuteranopia**  
005899



**Tritanopia**  
6B4E54

# Trichromacy



**Original Color**  
7D27B6



**Protanomaly**  
2D43B2



**Deuteranomaly**  
2D46A4



**Tritanomaly**  
724078

# Monochromacy



**Original Color**  
7D27B6



**Achromatopsia**  
515151



**Achromatomaly**  
614276

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D27B6 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 #7D27B6 looks like.

```
.text, #text, p{  
    color:#7D27B6  
}
```

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 #7D27B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D27B6
}
```

## Border

The CSS property to change the border of an element to Hex 7D27B6 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
#7D27B6 }
```

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

```
.border{ border-color:#7D27B6 }
```

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

Here you see how a box with a 4 pixel #7D27B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D27B6; -webkit-box-shadow:4px 4px  
4px 4px #7D27B6; box-shadow:4px 4px 4px  
4px #7D27B6 }
```

# Background

The CSS property to change the background color of an element to Hex 7D27B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D27B6 }
```

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

```
.background{ background-color:#7D27B6 }
```

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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