

# Converting Colors

Hex(7D266D)

Have a look what the booklet for  
Hex(7D266D) contains.

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# Color

**Hex(7D266D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D266D
RGB	125, 38, 109
RGB Percent	49%, 15%, 43%
CMY	0.5098, 0.8510, 0.5725
CMYK	0.00, 0.70, 0.13, 0.51
HSL	311°, 53%, 32%
HSV	311°, 70%, 49%
XYZ	11.9109, 6.8503, 15.1625
YIQ	72.1070, 29.0610, 40.5250

# Conversions

## Conversions Part 2

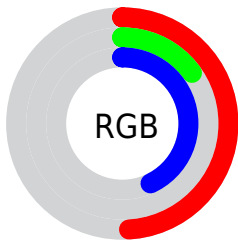
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 38, 109
Decimal	8201837
CIE <sub>Lab</sub>	31.46, 45.63, -21.83
CIE <sub>LCh</sub>	31, 50.579, 334.429
Yxy	6.8503, 0.3511, 0.2019
Android (android.graphics.Color)	4286391917 (0xFF7D266D)
YUV	72.1070, 18.1882, 46.3872
Hunter-Lab	26.1731, 35.4289, -16.0264

# Details

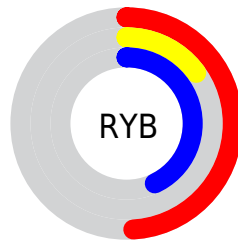
The Hex color **7D266D** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **267D36**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **B45AA1**, and **49003D** is the 20% darker color. If you saturate the color by 10%, you get **7D196B**, and if you desaturate by 10%, it is **7D326F**.

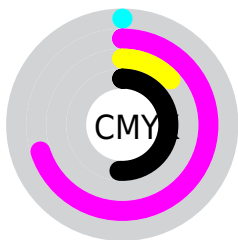
# Distribution



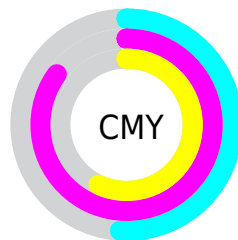
- Red (49%)
- Green (15%)
- Blue (43%)



- Red (49%)
- Yellow (15%)
- Blue (43%)



- Cyan (0%)
- Magenta (70%)
- Yellow (13%)
- Black (51%)



- Cyan (51%)
- Magenta (85%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D266D 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 7D266D by changing the saturation by 10% instead.



7D266D

7D266D

FFFFFF

620555

B45AA1

49003D

D175BC

320027

EE90D8

0E0010

FFABF4

000000

FFC7FF

FFE4FF

7D266D

7D266D

7D196B

7D326F

7D0D68

7D3F72

7D0066

7D4B74

7D5876

7D6478

7D717B

7D7E7D

7D8A7F

7D9682

# Harmonies

## Analogous

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



4F3C8C



7D266D



8E1846

# Triad

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



7D266D



564A00



005B76

# Complementary

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



7D266D



267D36

# 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.



005B4F



7D266D



2B5400

# Square

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



7D266D



753B00



005925



005792

# Rectangle

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



7D266D



8D1F2C



005925



005B6A



# Sweetspot

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



7D266D



A3819D



36267D



523D4E



D1D1D1



525252



# Same Dimension

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



7D266D



A31A8A



7D2642



40393F



800068



000000



# Inverse Universe

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



7D266D



A31A8A



267D61



40393F



800068



000000



# Previews

## White Background



This preview shows how the Hex color 7D266D looks on a white background.

## Color Contrast Check

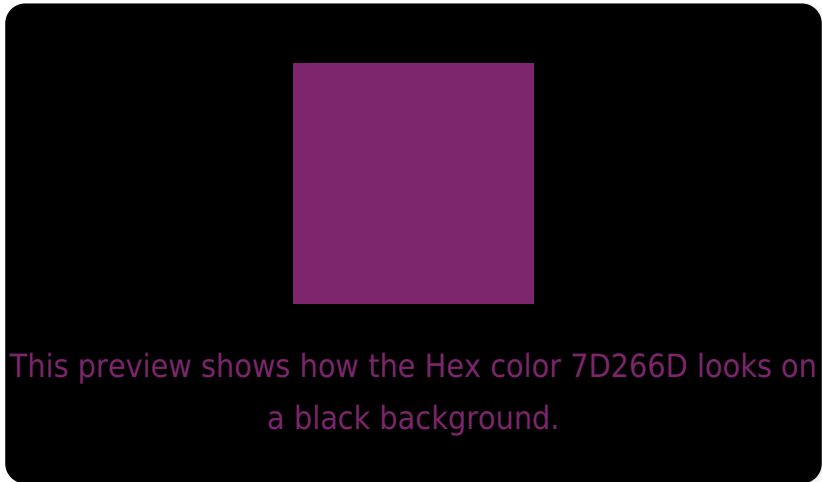
Large Text (above 18pt) WCAG AA ✓ Pass

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

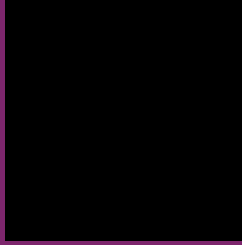
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D266D Background



This preview shows how black text looks on a background with the Hex color 7D266D.




This preview shows how white text looks on a background with the Hex color 7D266D.

# 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**  
783639

# Trichromacy



**Original Color**  
7D266D

**Protanomaly**  
483C80

**Deuteranomaly**  
573D6A

**Tritanomaly**  
7A304C

# Monochromacy



**Original Color**  
7D266D

**Achromatopsia**  
484848

**Achromatomaly**  
5B3C55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D266D 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 #7D266D looks like.

```
.text, #text, p{  
    color:#7D266D  
}
```

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 #7D266D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D266D
}
```

## Border

The CSS property to change the border of an element to Hex 7D266D is called "border". The border property can be set on classes, ids or directly on the HTML element.

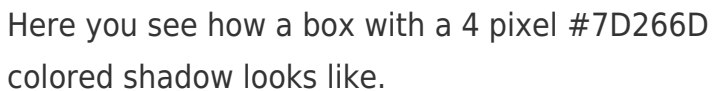
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D266D }
```

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

```
.border{ border-color:#7D266D }
```

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



Here you see how a box with a 4 pixel #7D266D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D266D; -webkit-box-shadow:4px 4px  
4px 4px #7D266D; box-shadow:4px 4px 4px  
4px #7D266D }
```

# Background

The CSS property to change the background color of an element to Hex 7D266D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D266D }
```

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

```
.background{ background-color:#7D266D }
```

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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