

Converting Colors

Hex(7D187A)

Have a look what the booklet for
Hex(7D187A) contains.

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Color

Hex(7D187A)

Conversions

Conversions Part 1

Format	Color
Hex	7D187A
RGB	125, 24, 122
RGB Percent	49%, 9%, 48%
CMY	0.5098, 0.9059, 0.5216
CMYK	0.00, 0.81, 0.02, 0.51
HSL	302°, 68%, 29%
HSV	302°, 81%, 49%
XYZ	12.2969, 6.4184, 19.0031
YIQ	65.3710, 28.7380, 51.8900

Conversions

Conversions Part 2

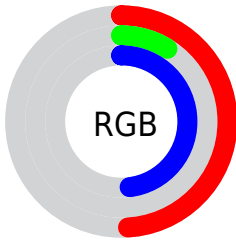
Format	Color
R_{YB}	125, 24, 122
Decimal	8198266
CIE _{Lab}	30.44, 52.69, -31.69
CIE _{LCh}	30, 61.490, 328.976
Yxy	6.4184, 0.3260, 0.1702
Android (android.graphics.Color)	4286388346 (0xFF7D187A)
YUV	65.3710, 27.9181, 52.2946
Hunter-Lab	25.3345, 42.3053, -26.7385

Details

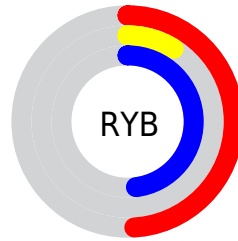
The Hex color **7D187A** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **187D1B**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **B551AF**, and **480049** is the 20% darker color. If you saturate the color by 10%, you get **7D0C7A**, and if you desaturate by 10%, it is **7D257A**.

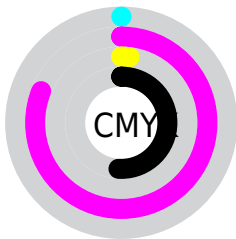
Distribution



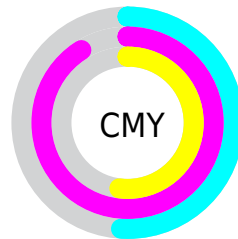
- Red (49%)
- Green (9%)
- Blue (48%)



- Red (49%)
- Yellow (9%)
- Blue (48%)



- Cyan (0%)
- Magenta (81%)
- Yellow (2%)
- Black (51%)



- Cyan (51%)
- Magenta (91%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D187A 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 7D187A by changing the saturation by 10% instead.

7D187A

7D187A

FFFFFF

620061

B551AF

480049

D16CCB

310032

EE87E7

0C001C

FFA3FF

000000

FFBFFF

FFDBFF

FFF9FF

7D187A

7D187A

■ 7D0C7A

■ 7D257A

■ 7D0079

■ 7D317B

■ 7D3D7B

■ 7D4A7B

■ 7D567C

■ 7D637C

■ 7D707D

■ 7D7C7D

■ 7D897D

Harmonies

Analogous

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



373B9D



7D187A



96004C

Triad

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



7D187A



5A4500



005B75

Complementary

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



7D187A



187D1B

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.



005B45



7D187A



2A5200

Square

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



7D187A



7E2F00



00580E



00589B

Rectangle

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



7D187A



97002C



00580E



005B66

Sweetspot

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



7D187A



A37CA2



1A187D



523A51



D1D1D1



525252

Same Dimension

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



7D187A



A3059E



7D1849



403940



80007C



000000

Inverse Universe

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



7D187A



A3059E



187D4C



403940



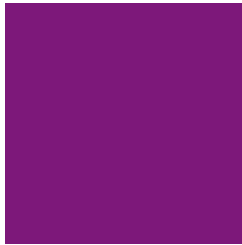
80007C



000000

Previews

White Background



This preview shows how the Hex color 7D187A looks on a white background.

Color Contrast Check

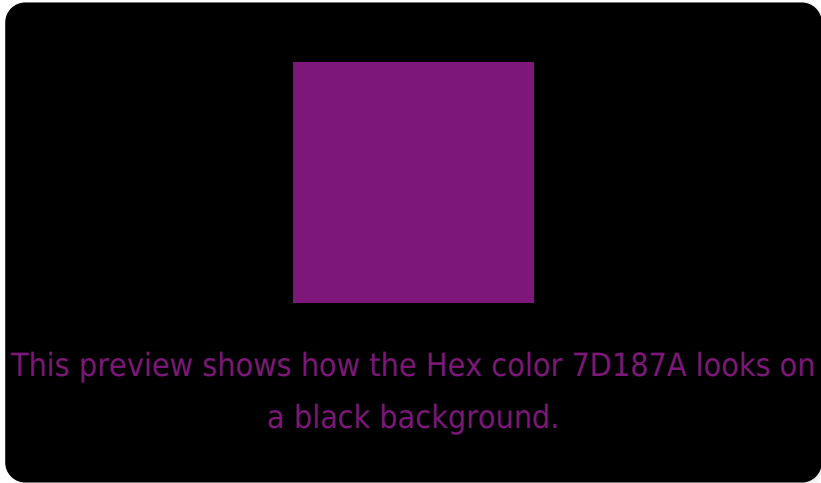
Large Text (above 18pt) WCAG AA ✓ Pass

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

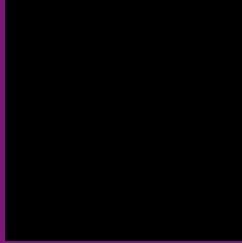
Any Text WCAG AA × Fail

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 7D187A Background



This preview shows how black text looks on a background with the Hex color 7D187A.

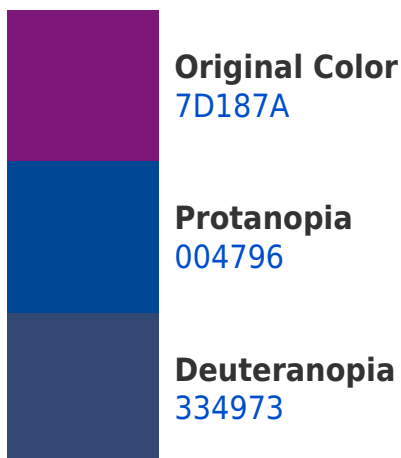


This preview shows how white text looks on a background with the Hex color 7D187A.

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



Trichromacy



Original Color
7D187A



Protanomaly
2D368C



Deuteranomaly
4E3776



Tritanomaly
792A4F

Monochromacy



Original Color
7D187A



Achromatopsia
414141



Achromatomaly
573256

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D187A 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 #7D187A looks like.

```
.text, #text, p{  
    color:#7D187A  
}
```

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 #7D187A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D187A
}
```

Border

The CSS property to change the border of an element to Hex 7D187A 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
#7D187A }
```

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

```
.border{ border-color:#7D187A }
```

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

Here you see how a box with a 4 pixel #7D187A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D187A; -webkit-box-shadow:4px 4px  
4px 4px #7D187A; box-shadow:4px 4px 4px  
4px #7D187A }
```

Background

The CSS property to change the background color of an element to Hex 7D187A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D187A }
```

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

```
.background{ background-color:#7D187A }
```

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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