

Converting Colors

Hex(1D007A)

Have a look what the booklet for
Hex(1D007A) contains.

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Color

Hex(1D007A)

Conversions

Conversions Part 1

Format	Color
Hex	1D007A
RGB	29, 0, 122
RGB Percent	11%, 0%, 48%
CMY	0.8863, 1.0000, 0.5216
CMYK	0.76, 1.00, 0.00, 0.52
HSL	254°, 100%, 24%
HSV	254°, 100%, 48%
XYZ	4.0195, 1.6664, 18.5221
YIQ	22.5790, -21.8780, 44.0900

Conversions

Conversions Part 2

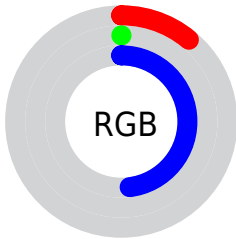
Format	Color
RYB	29, 0, 122
Decimal	1900666
CIELab	13.63, 46.49, -59.73
CIELCh	14, 75.693, 307.894
Yxy	1.6664, 0.1660, 0.0688
Android (android.graphics.Color)	4280090746 (0xFF1D007A)
YUV	22.5790, 49.0146, 5.6312
Hunter-Lab	12.9087, 32.9915, -76.0364

Details

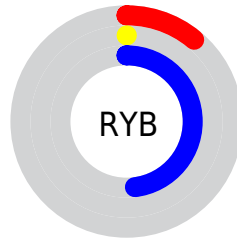
The Hex color **1D007A** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **5D7A00**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **5C34B0**, and **000048** is the 20% darker color. If you saturate the color by 10%, you get **1D007A**, and if you desaturate by 10%, it is **260C7A**.

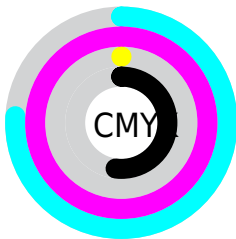
Distribution



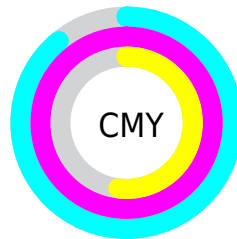
- Red (11%)
- Green (0%)
- Blue (48%)



- Red (11%)
- Yellow (0%)
- Blue (48%)



- Cyan (76%)
- Magenta (100%)
- Yellow (0%)
- Black (52%)



- Cyan (89%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D007A 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 1D007A by changing the saturation by 10% instead.

 1D007A

 1D007A

 FFEEFF

 000060

 5C34B0

 000048

 784CCC

 000430

 9566E8

 00011A

 B17FFF

 000000

 CF9AFF

 ECB5FF

 FFD1FF

 1D007A

■ 260C7A

■ 30187A

■ 39257A

■ 42317A

■ 4B3D7A

■ 55497A

■ 5E557A

■ 67627A

■ 716E7A

Harmonies

Analogous

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



002A92



1D007A



65004C

Triad

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



1D007A



4A0A00



003330

Complementary

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



1D007A



5D7A00

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.



003100



1D007A



202600

Square

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



1D007A



670000



002F00



003665

Rectangle

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



1D007A



730029



002F00



00321E

Sweetspot

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



1D007A



7A6F9E



005E7A



39334F



CFCFCF



4F4F4F

Same Dimension

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



1D007A



26009E



59007A



39373D



1E007D



3C00FC

Inverse Universe

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



7A005D



9E0079



217A00



3D373C



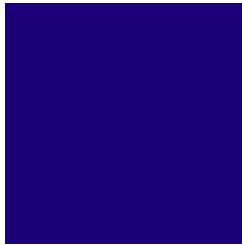
7D005F



FC00C0

Previews

White Background



This preview shows how the Hex color 1D007A looks on a white background.

Color Contrast Check

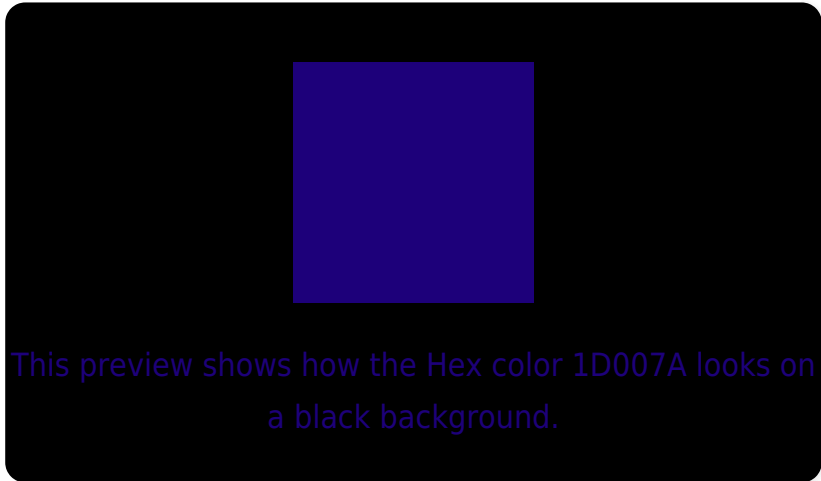
Large Text (above 18pt) WCAG AA ✓ Pass

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

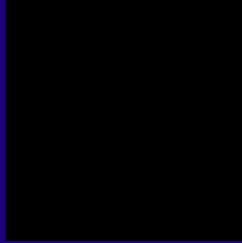
Any Text WCAG AA × Fail

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 1D007A Background



This preview shows how black text looks on a background with the Hex color 1D007A.



This preview shows how white text looks on a background with the Hex color 1D007A.

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
1D007A

Protanopia
00264F

Deuteranopia
002843



Tritanopia
002B2E

Trichromacy



Original Color
1D007A

Protanomaly
0B185F

Deuteranomaly
0B1957

Tritanomaly
0B1B4A

Monochromacy



Original Color
1D007A

Achromatopsia
171717

Achromatomaly
190F3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D007A 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 #1D007A looks like.

```
.text, #text, p{  
    color:#1D007A  
}
```

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 #1D007A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D007A
}
```

Border

The CSS property to change the border of an element to Hex 1D007A 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
#1D007A }
```

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

```
.border{ border-color:#1D007A }
```

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

Here you see how a box with a 4 pixel #1D007A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D007A; -webkit-box-shadow:4px 4px  
4px 4px #1D007A; box-shadow:4px 4px 4px  
4px #1D007A }
```

Background

The CSS property to change the background color of an element to Hex 1D007A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D007A }
```

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

```
.background{ background-color:#1D007A }
```

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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