

Converting Colors

Hex(7D008D)

Have a look what the booklet for
Hex(7D008D) contains.

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Color

Hex(7D008D)

Conversions

Conversions Part 1

Format	Color
Hex	7D008D
RGB	125, 0, 141
RGB Percent	49%, 0%, 55%
CMY	0.5098, 1.0000, 0.4471
CMYK	0.11, 1.00, 0.00, 0.45
HSL	293°, 100%, 28%
HSV	293°, 100%, 55%
XYZ	13.2652, 6.2831, 25.7129
YIQ	53.4490, 29.2390, 70.3510

Conversions

Conversions Part 2

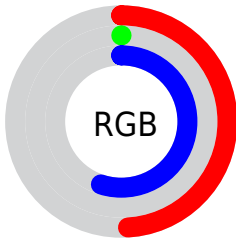
Format	Color
R_{YB}	125, 0, 141
Decimal	8192141
CIE _{Lab}	30.12, 60.58, -44.11
CIE _{LCh}	30, 74.939, 323.940
Yxy	6.2831, 0.2931, 0.1388
Android (android.graphics.Color)	4286382221 (0xFF7D008D)
YUV	53.4490, 43.1626, 62.7502
Hunter-Lab	25.0660, 50.5982, -43.2738

Details

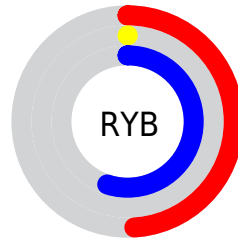
The Hex color **7D008D** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **108D00**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **B548C3**, and **47005A** is the 20% darker color. If you saturate the color by 10%, you get **7D008D**, and if you desaturate by 10%, it is **7F0E8D**.

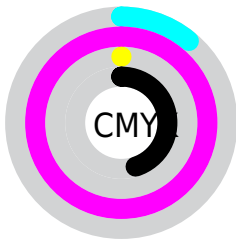
Distribution



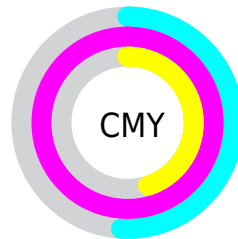
- Red (49%)
- Green (0%)
- Blue (55%)



- Red (49%)
- Yellow (0%)
- Blue (55%)



- Cyan (11%)
- Magenta (100%)
- Yellow (0%)
- Black (45%)



- Cyan (51%)
- Magenta (100%)
- Yellow (45%)
- Black (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D008D 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 7D008D by changing the saturation by 10% instead.

 7D008D

 7D008D

FFFFFF

 620073

 B548C3

 47005A

 D264E0

 2F0042

 F080FD

 0A002B

 FF9CFF

 000115

 FFB8FF


 000000

 FFD5FF

 FFF2FF

 7D008D

 7F0E8D

 801C8D

 822A8D

 83388D

 85478D

 87558D

 88638D

 8A718D

 8B7F8D

Harmonies

Analogous

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



003EB4



7D008D



A20055

Triad

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



7D008D



624100



005D75

Complementary

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



7D008D



108D00

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.



005B39



7D008D



285100

Square

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



7D008D



8B1D00



005800



005CA7

Rectangle

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



7D008D



A60030



005800



005D62

Sweetspot

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



7D008D



B181B8



00108D



583B5C



DBDBDB



5C5C5C

Same Dimension

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



7D008D



A300B8



8D0057



474047



780087



070008

Inverse Universe

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



8D0010



B80015



008D36



474041



87000F



080001

Previews

White Background



This preview shows how the Hex color 7D008D looks on a white background.

Color Contrast Check

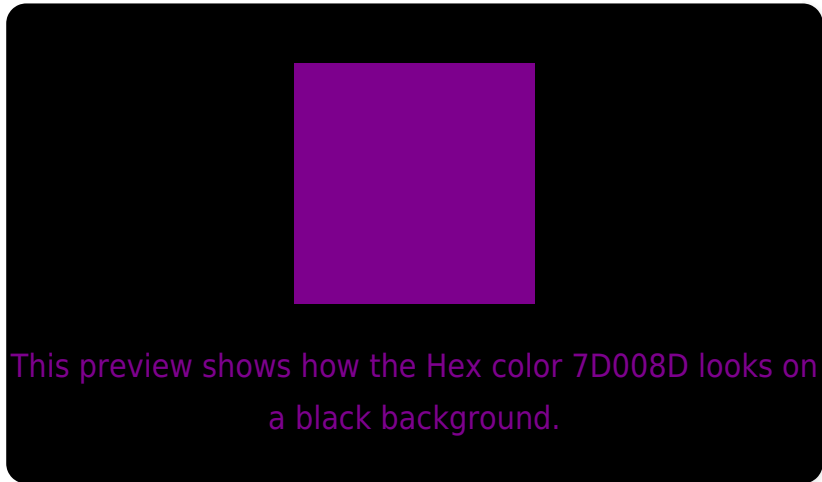
Large Text (above 18pt) WCAG AA ✓ Pass

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

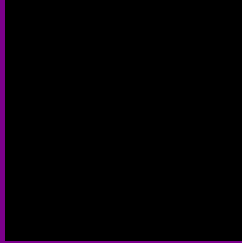
Any Text WCAG AA × Fail

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 7D008D Background



This preview shows how black text looks on a background with the Hex color 7D008D.



This preview shows how white text looks on a background with the Hex color 7D008D.

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
7D008D

Protanopia
004897

Deuteranopia
0F4B85



Tritanopia
73373B

Trichromacy



Original Color
7D008D



Protanomaly
2D2E93



Deuteranomaly
373088



Tritanomaly
772359

Monochromacy



Original Color
7D008D



Achromatopsia
353535



Achromatomaly
4F2255

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D008D 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 #7D008D looks like.

```
.text, #text, p{  
    color:#7D008D  
}
```

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 #7D008D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D008D
}
```

Border

The CSS property to change the border of an element to Hex 7D008D is called "border". The border property can be set on classes, ids or directly on the HTML element.

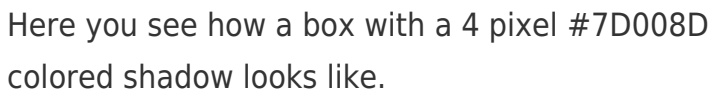
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D008D }
```

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

```
.border{ border-color:#7D008D }
```

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



Here you see how a box with a 4 pixel #7D008D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D008D; -webkit-box-shadow:4px 4px  
4px 4px #7D008D; box-shadow:4px 4px 4px  
4px #7D008D }
```

Background

The CSS property to change the background color of an element to Hex 7D008D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D008D }
```

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

```
.background{ background-color:#7D008D }
```

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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