

# Converting Colors

Hex(7D0086)

Have a look what the booklet for  
Hex(7D0086) contains.

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**Color**

**Hex(7D0086)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D0086
RGB	125, 0, 134
RGB Percent	49%, 0%, 53%
CMY	0.5098, 1.0000, 0.4745
CMYK	0.07, 1.00, 0.00, 0.47
HSL	296°, 100%, 26%
HSV	296°, 100%, 53%
XYZ	12.7605, 6.0812, 23.0555
YIQ	52.6510, 31.4860, 68.1740

# Conversions

## Conversions Part 2

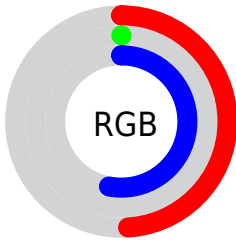
Format	Color
<b>RYB</b>	125, 0, 134
Decimal	8192134
CIELab	29.62, 59.40, -40.56
CIElCh	30, 71.927, 325.676
Yxy	6.0812, 0.3046, 0.1451
Android (android.graphics.Color)	4286382214 (0xFF7D0086)
YUV	52.6510, 40.1051, 63.4501
Hunter-Lab	24.6601, 49.2108, -38.1700

# Details

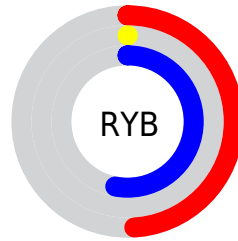
The Hex color **7D0086** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **098600**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **B548BC**, and **470053** is the 20% darker color. If you saturate the color by 10%, you get **7D0086**, and if you desaturate by 10%, it is **7E0D86**.

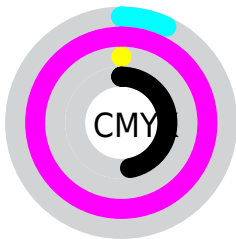
# Distribution



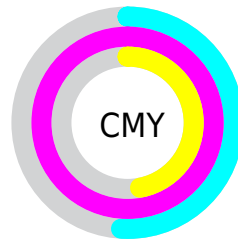
- Red (49%)
- Green (0%)
- Blue (53%)



- Red (49%)
- Yellow (0%)
- Blue (53%)



- Cyan (7%)
- Magenta (100%)
- Yellow (0%)
- Black (47%)



- Cyan (51%)
- Magenta (100%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D0086 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 7D0086 by changing the saturation by 10% instead.



 7D0086

 7D0086

FFFFFF

 62006C

 B548BC

 470053

 D264D8

 30003C

 F07FF5

 0A0025

 FF9BFF

 00010D

 FFB7FF

 000000

 FFD4FF


 FFF1FF

 7D0086

 7E0D86

 7F1B86

 802886

 813686

 824386

 825086

 835E86

 846B86

 857986

# Harmonies

## Analogous

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



003BAD



7D0086



9E0051

# Triad

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



7D0086



5D4100



005B75

# Complementary

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



7D0086



098600

# 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.



005A3C



7D0086



255000

# Square

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



7D0086



852200



005700



0059A3

# Rectangle

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



7D0086



A1002C



005700



005B63



# Sweetspot

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



7D0086



AA79AD



000B86



553757



D6D6D6



575757



# Same Dimension

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



7D0086



A200AD



86004E



423C42



790082



020003



# Inverse Universe

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



860009



AD000C



008638



423C3C



820009



030000



# Previews

## White Background



This preview shows how the Hex color 7D0086 looks on a white background.

## Color Contrast Check

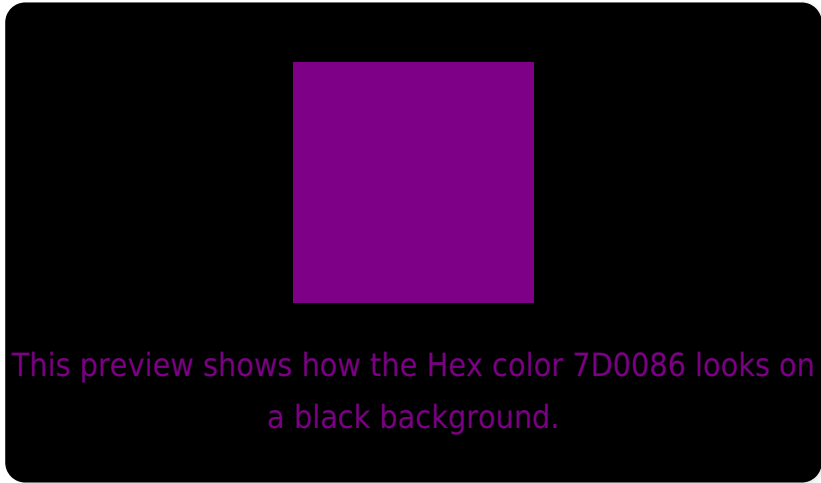
Large Text (above 18pt) WCAG AA ✓ Pass

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

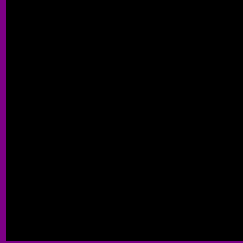
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D0086 Background



This preview shows how black text looks on a background with the Hex color 7D0086.




This preview shows how white text looks on a background with the Hex color 7D0086.

# 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**  
743538

# Trichromacy



**Original Color**  
7D0086



**Protanomaly**  
2D2D90



**Deuteranomaly**  
422F81



**Tritanomaly**  
772254

# Monochromacy



**Original Color**  
7D0086



**Achromatopsia**  
353535



**Achromatomaly**  
4F2252

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D0086 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 #7D0086 looks like.

```
.text, #text, p{  
    color:#7D0086  
}
```

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 #7D0086 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D0086
}
```

## Border

The CSS property to change the border of an element to Hex 7D0086 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
#7D0086 }
```

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

```
.border{ border-color:#7D0086 }
```

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

Here you see how a box with a 4 pixel #7D0086 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D0086; -webkit-box-shadow:4px 4px  
4px 4px #7D0086; box-shadow:4px 4px 4px  
4px #7D0086 }
```

# Background

The CSS property to change the background color of an element to Hex 7D0086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D0086 }
```

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

```
.background{ background-color:#7D0086 }
```

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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