

# Converting Colors

Hex(7F0096)

Have a look what the booklet for  
Hex(7F0096) contains.

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**Color**

**Hex(7F0096)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F0096
RGB	127, 0, 150
RGB Percent	50%, 0%, 59%
CMY	0.5020, 1.0000, 0.4118
CMYK	0.15, 1.00, 0.00, 0.41
HSL	291°, 100%, 29%
HSV	291°, 100%, 59%
XYZ	14.2574, 6.7140, 29.3986
YIQ	55.0730, 27.5420, 73.5740

# Conversions

## Conversions Part 2

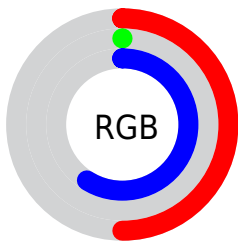
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 0, 150
Decimal	8323222
CIE <sub>Lab</sub>	31.15, 62.45, -47.98
CIE <sub>LCh</sub>	31, 78.751, 322.465
Yxy	6.7140, 0.2831, 0.1333
Android (android.graphics.Color)	4286513302 (0xFF7F0096)
YUV	55.0730, 46.7990, 63.0800
Hunter-Lab	25.9115, 52.8721, -49.1313

# Details

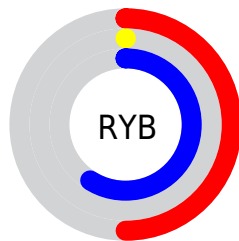
The Hex color **7F0096** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **179600**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **B84ACD**, and **480062** is the 20% darker color. If you saturate the color by 10%, you get **7F0096**, and if you desaturate by 10%, it is **810F96**.

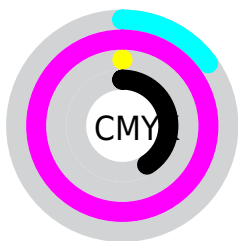
# Distribution



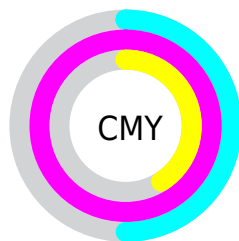
- Red (50%)
- Green (0%)
- Blue (59%)



- Red (50%)
- Yellow (0%)
- Blue (59%)



- Cyan (15%)
- Magenta (100%)
- Yellow (0%)
- Black (41%)



- Cyan (50%)
- Magenta (100%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F0096 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 7F0096 by changing the saturation by 10% instead.



 7F0096

 7F0096

FFFFFF

 63007C

 B84ACD

 480062

 D565EA

 2F004A

 F281FF

 0E0032

 FF9DFF

 00011C

 FFB9FF

 000000

 FFD6FF

 FFF4FF

 7F0096

 810F96

 841E96


 862D96

 883C96

 8B4B96

 8D5A96

 8F6996

 917896

 948796

# Harmonies

## Analogous

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



0041BE



7F0096



A8005C

# Triad

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



7F0096



674200



006077

# Complementary

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



7F0096



179600

# 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.



005F37



7F0096



2B5400

# Square

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



7F0096



921800



005B00



005FAC

# Rectangle

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



7F0096



AD0034



005B00



006063



# Sweetspot

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



7F0096



B988C2



001996



5C3E61



E0E0E0



616161



# Same Dimension

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



7F0096



A400C2



960064



49434A



75008A



09000A



# Inverse Universe

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



960017



C2001E



009632



4A4344



8A0015



0A0002



# Previews

## White Background



This preview shows how the Hex color 7F0096 looks on a white background.

## Color Contrast Check

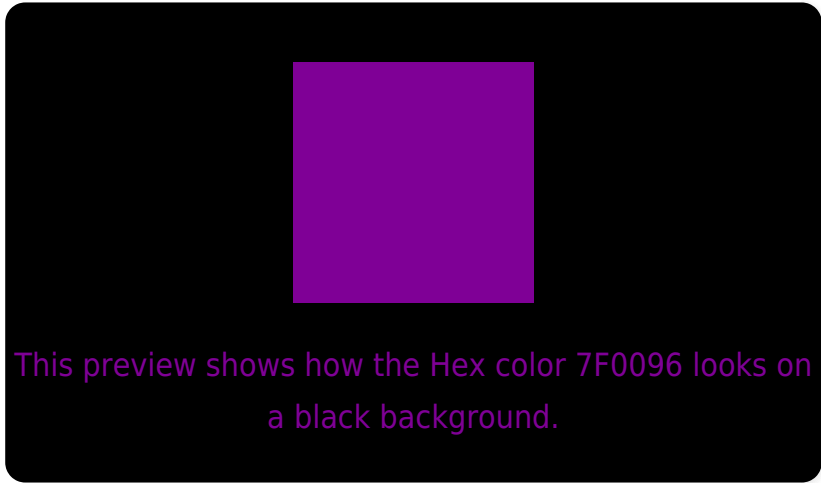
Large Text (above 18pt) WCAG AA ✓ Pass

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

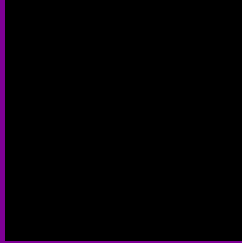
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7F0096 Background



This preview shows how black text looks on a background with the Hex color 7F0096.



This preview shows how white text looks on a background with the Hex color 7F0096.

# 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](#).

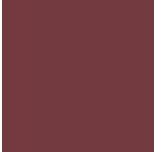
## Dichromacy



**Original Color**  
7F0096

**Protanopia**  
004A9B

**Deuteranopia**  
004E89



**Tritanopia**  
733B3F

# Trichromacy



**Original Color**

7F0096



**Protanomaly**

2E2F99



**Deuteranomaly**

2E328E



**Tritanomaly**

77265F

# Monochromacy



**Original Color**

7F0096



**Achromatopsia**

373737



**Achromatomaly**

51235A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F0096 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 #7F0096 looks like.

```
.text, #text, p{  
    color:#7F0096  
}
```

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 #7F0096 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F0096
}
```

## Border

The CSS property to change the border of an element to Hex 7F0096 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
#7F0096 }
```

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

```
.border{ border-color:#7F0096 }
```

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

Here you see how a box with a 4 pixel #7F0096 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F0096; -webkit-box-shadow:4px 4px  
4px 4px #7F0096; box-shadow:4px 4px 4px  
4px #7F0096 }
```

# Background

The CSS property to change the background color of an element to Hex 7F0096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F0096 }
```

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

```
.background{ background-color:#7F0096 }
```

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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