

# Converting Colors

Hex(7F16AF)

Have a look what the booklet for  
Hex(7F16AF) contains.

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**Color**

**Hex(7F16AF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F16AF
RGB	127, 22, 175
RGB Percent	50%, 9%, 69%
CMY	0.5020, 0.9137, 0.3137
CMYK	0.27, 0.87, 0.00, 0.31
HSL	281°, 78%, 39%
HSV	281°, 87%, 69%
XYZ	16.7772, 8.1810, 41.2523
YIQ	70.8370, 13.4670, 69.8430

# Conversions

## Conversions Part 2

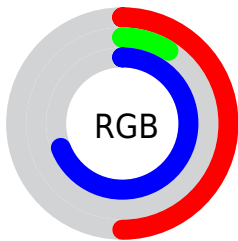
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 22, 175
Decimal	8328879
CIE <sub>Lab</sub>	34.36, 63.42, -57.90
CIE <sub>LCh</sub>	34, 85.873, 317.607
Yxy	8.1810, 0.2534, 0.1236
Android (android.graphics.Color)	4286518959 (0xFF7F16AF)
YUV	70.8370, 51.3524, 49.2550
Hunter-Lab	28.6024, 54.6475, -65.4902

# Details

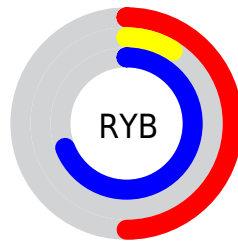
The Hex color **7F16AF** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **46AF16**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **B854E8**, and **470079** is the 20% darker color. If you saturate the color by 10%, you get **7A05AF**, and if you desaturate by 10%, it is **8428AF**.

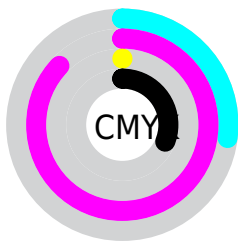
# Distribution



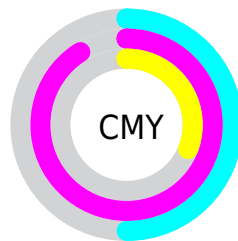
- Red (50%)
- Green (9%)
- Blue (69%)



- Red (50%)
- Yellow (9%)
- Blue (69%)



- Cyan (27%)
- Magenta (87%)
- Yellow (0%)
- Black (31%)



- Cyan (50%)
- Magenta (91%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F16AF 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 7F16AF by changing the saturation by 10% instead.



7F16AF

7F16AF

FFFFFF

630094

B854E8

470079

D66FFF

2A0060

F38BFF

050047

FFA7FF

00042F

FFC3FF

00011A

FFE0FF

000000

FFFEFF

7F16AF

7F16AF

7A05AF

8428AF

7800AF

8A39AF

8F4BAF

955CAF

9A6EAF

A07FAF

A591AF

ABA2AF

B0B4AF

# Harmonies

## Analogous

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



004DD7



7F16AF



B60070

# Triad

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



7F16AF



7A4400



006A79

# Complementary

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



7F16AF



46AF16

# 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.



006831



7F16AF



3D5A00

# Square

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



7F16AF



A70100



006400



006AB7

# Rectangle

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



7F16AF



C00043



006400



006961



# Sweetspot

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



7F16AF



D0A8E3



1646AF



684F73



F2F2F2



737373



# Same Dimension

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



7F16AF



9C00E3



AF1693



544E57



670096



100017



# Inverse Universe

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



AF1646



E30047



16AF32



574E51



96002F



170007



# Previews

## White Background



This preview shows how the Hex color 7F16AF looks on a white background.

## Color Contrast Check

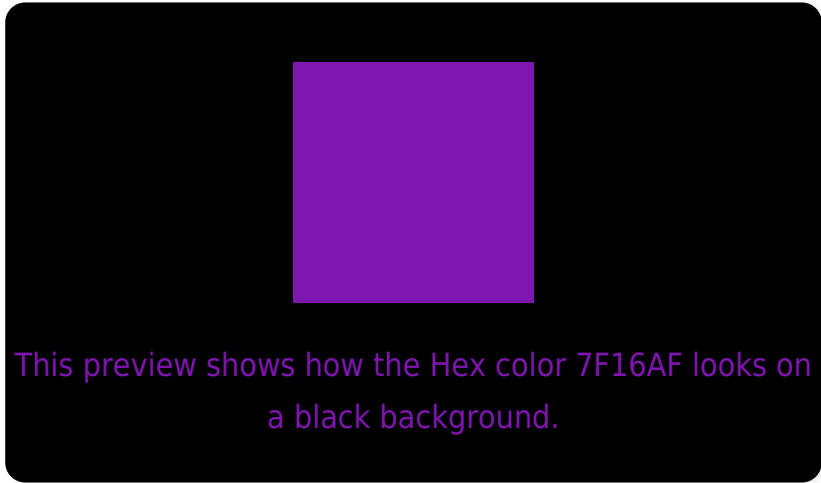
Large Text (above 18pt) WCAG AA ✓ Pass

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

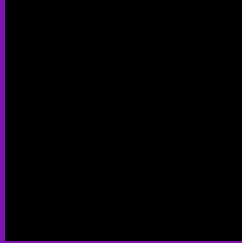
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7F16AF Background



This preview shows how black text looks on a background with the Hex color 7F16AF.



This preview shows how white text looks on a background with the Hex color 7F16AF.

# 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**  
7F16AF

**Protanopia**  
004FA7

**Deuteranopia**  
005491



**Tritanopia**  
6F474C

# Trichromacy



**Original Color**  
7F16AF



**Protanomaly**  
2E3AAA



**Deuteranomaly**  
2E3D9C



**Tritanomaly**  
753570

# Monochromacy



**Original Color**  
7F16AF



**Achromatopsia**  
474747



**Achromatomaly**  
5B356D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F16AF 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 #7F16AF looks like.

```
.text, #text, p{  
    color:#7F16AF  
}
```

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 #7F16AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F16AF
}
```

## Border

The CSS property to change the border of an element to Hex 7F16AF 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
#7F16AF }
```

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

```
.border{ border-color:#7F16AF }
```

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

Here you see how a box with a 4 pixel #7F16AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F16AF; -webkit-box-shadow:4px 4px  
4px 4px #7F16AF; box-shadow:4px 4px 4px  
4px #7F16AF }
```

# Background

The CSS property to change the background color of an element to Hex 7F16AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F16AF }
```

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

```
.background{ background-color:#7F16AF }
```

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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