

# Converting Colors

Hex(7C26AF)

Have a look what the booklet for  
Hex(7C26AF) contains.

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# Color

**Hex(7C26AF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C26AF
RGB	124, 38, 175
RGB Percent	49%, 15%, 69%
CMY	0.5137, 0.8510, 0.3137
CMYK	0.29, 0.78, 0.00, 0.31
HSL	278°, 64%, 42%
HSV	278°, 78%, 69%
XYZ	16.7432, 8.7665, 41.3671
YIQ	79.3320, 7.2790, 60.8390

# Conversions

## Conversions Part 2

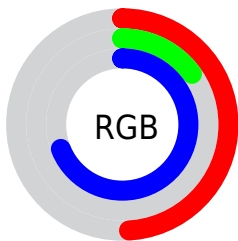
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	124, 38, 175
Decimal	8136367
CIE <sub>Lab</sub>	35.53, 58.17, -56.01
CIE <sub>LCh</sub>	36, 80.751, 316.086
Yxy	8.7665, 0.2504, 0.1311
Android (android.graphics.Color)	4286326447 (0xFF7C26AF)
YUV	79.3320, 47.1643, 39.1738
Hunter-Lab	29.6082, 49.1257, -62.1112

# Details

The Hex color **7C26AF** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **59AF26**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **B55DE7**, and **440079** is the 20% darker color. If you saturate the color by 10%, you get **7515AF**, and if you desaturate by 10%, it is **8338AF**.

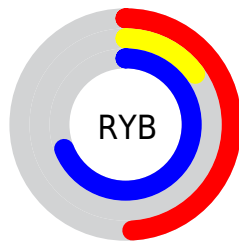
# Distribution



Red (49%)

Green (15%)

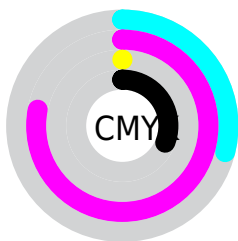
Blue (69%)



Red (49%)

Yellow (15%)

Blue (69%)

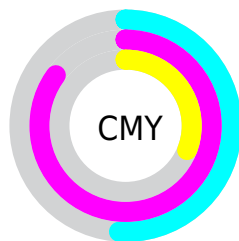


Cyan (29%)

Magenta (78%)

Yellow (0%)

Black (31%)



Cyan (51%)

Magenta (85%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C26AF 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 7C26AF by changing the saturation by 10% instead.



 7C26AF

 7C26AF

FFFFFF

 600094

 B55DE7

 440079

 D278FF

 270060

 F093FF

 040047

 FFAFFF

 000430

 FFC0FF

 00011A

 FFE8FF

 000000

 7C26AF

 7C26AF

 7515AF

 8338AF

6F03AF

8949AF

6E00AF

905BAF

966CAF

9D7EAF

A38FAF

AAA1AF

B0B2AF

B7C4AF

# Harmonies

## Analogous

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



0051D3



7C26AF



B20074

# Triad

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



7C26AF



7F4600



006C76

# Complementary

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



7C26AF



59AF26

# 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.



006A32



7C26AF



465B00

# Square

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



7C26AF



A91200



006600



006CB1

# Rectangle

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



7C26AF



BD004A



006600



006C60



# Sweetspot

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



7C26AF



D0AFE3



265BAF



675373



F2F2F2



737373



# Same Dimension

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



7C26AF



940EE3



AF269F



534E57



5E0096



0E0017



# Inverse Universe

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



AF2659



E30E5D



26AF36



574E51



960038



170009



# Previews

## White Background



This preview shows how the Hex color 7C26AF looks on a white background.

## Color Contrast Check

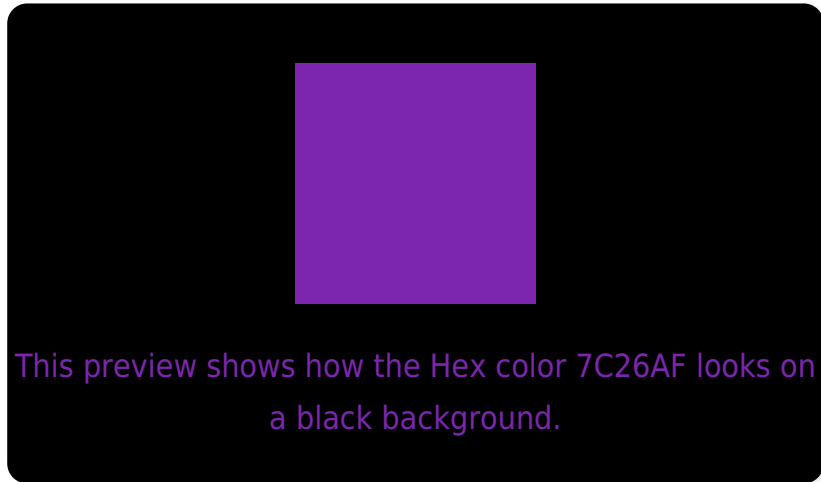
Large Text (above 18pt) WCAG AA ✓ Pass

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

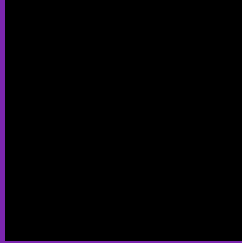
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7C26AF Background



This preview shows how black text looks on a background with the Hex color 7C26AF.

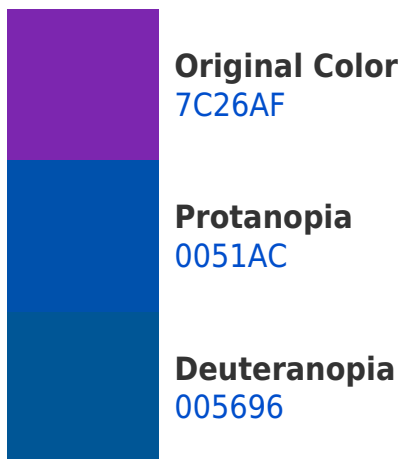


This preview shows how white text looks on a background with the Hex color 7C26AF.

# 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**  
6C4B51

# Trichromacy



**Original Color**  
7C26AF



**Protanomaly**  
2D41AD



**Deuteranomaly**  
2D459F



**Tritanomaly**  
723E73

# Monochromacy



**Original Color**  
7C26AF



**Achromatopsia**  
4F4F4F



**Achromatomaly**  
5F4072

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C26AF 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 #7C26AF looks like.

```
.text, #text, p{  
    color:#7C26AF  
}
```

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 #7C26AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C26AF
}
```

## Border

The CSS property to change the border of an element to Hex 7C26AF 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
#7C26AF }
```

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

```
.border{ border-color:#7C26AF }
```

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

Here you see how a box with a 4 pixel #7C26AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C26AF; -webkit-box-shadow:4px 4px  
4px 4px #7C26AF; box-shadow:4px 4px 4px  
4px #7C26AF }
```

# Background

The CSS property to change the background color of an element to Hex 7C26AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C26AF }
```

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

```
.background{ background-color:#7C26AF }
```

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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