

# Converting Colors

Hex(70028B)

Have a look what the booklet for  
Hex(70028B) contains.

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**Color**

**Hex(70028B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	70028B
RGB	112, 2, 139
RGB Percent	44%, 1%, 55%
CMY	0.5608, 0.9922, 0.4549
CMYK	0.19, 0.99, 0.00, 0.45
HSL	288°, 97%, 28%
HSV	288°, 99%, 55%
XYZ	11.3640, 5.3522, 24.8602
YIQ	50.5080, 21.5830, 65.9270

# Conversions

## Conversions Part 2

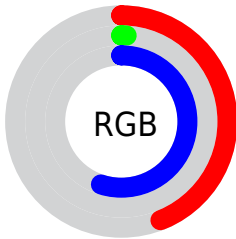
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 2, 139
Decimal	7340683
CIE <sub>Lab</sub>	27.72, 57.89, -46.87
CIE <sub>LCh</sub>	28, 74.485, 321.007
Yxy	5.3522, 0.2733, 0.1287
Android (android.graphics.Color)	4285530763 (0xFF70028B)
YUV	50.5080, 43.6266, 53.9285
Hunter-Lab	23.1349, 47.1941, -47.5172

# Details

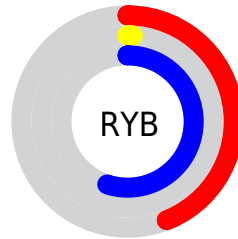
The Hex color **70028B** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **1D8B02**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **A846C1**, and **3A0058** is the 20% darker color. If you saturate the color by 10%, you get **70008B**, and if you desaturate by 10%, it is **73108B**.

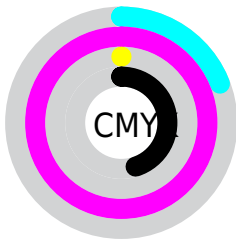
# Distribution



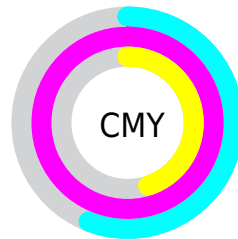
- Red (44%)
- Green (1%)
- Blue (55%)



- Red (44%)
- Yellow (1%)
- Blue (55%)



- Cyan (19%)
- Magenta (99%)
- Yellow (0%)
- Black (45%)



- Cyan (56%)
- Magenta (99%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70028B 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 70028B by changing the saturation by 10% instead.



 70028B

 70028B

FFFFFF

 550071

 A846C1

 3A0058

 C461DE

 220040

 E27DFA

 000029

 FF98FF

 000112

 FFB4FF

 000000

 FFD1FF

 FFEEFF

 70028B

 70028B

70008B

73108B

751E8B

782C8B

7B3A8B

7E478B

80558B

83638B

86718B

897F8B

# Harmonies

## Analogous

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



003BAF



70028B



980055

# Triad

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



70028B



5F3900



00566A

# Complementary

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



70028B



1D8B02

# 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.



00552E



70028B



294A00

# Square

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



70028B



860E00



005200



00569C

# Rectangle

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



70028B



9E0030



005200



005656



# Sweetspot

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



70028B



AA7FB5



021D8B



553B5C



DBDBDB



5C5C5C



# Same Dimension

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



70028B



9100B5



8B0262



433E45



6A0085



040005



# Inverse Universe

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



8B021D



B50024



028B2B



453E3F



85001A



050001



# Previews

## White Background



This preview shows how the Hex color 70028B looks on a white background.

## Color Contrast Check

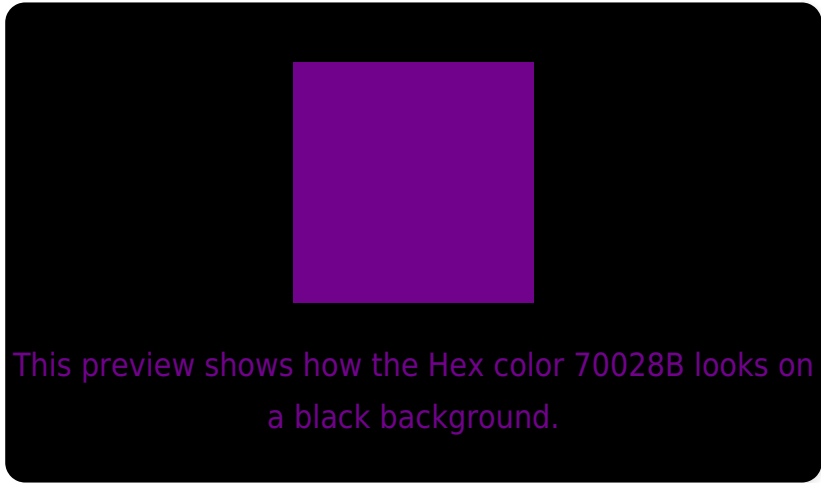
Large Text (above 18pt) WCAG AA ✓ Pass

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

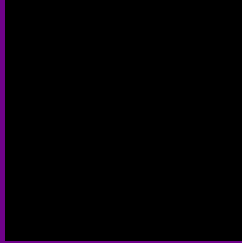
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 70028B Background



This preview shows how black text looks on a background with the Hex color 70028B.



This preview shows how white text looks on a background with the Hex color 70028B.

# 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



# Trichromacy

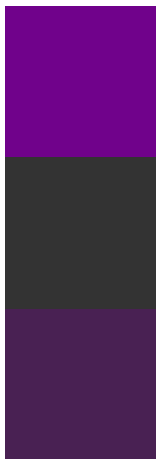


**Original Color**  
70028B

**Protanomaly**  
292B8B

**Tritanomaly**  
692357

# Monochromacy



**Original Color**  
70028B

**Achromatopsia**  
333333

**Achromatomaly**  
492153

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70028B 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 #70028B looks like.

```
.text, #text, p{  
    color:#70028B  
}
```

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 #70028B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70028B
}
```

## Border

The CSS property to change the border of an element to Hex 70028B 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
#70028B }
```

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

```
.border{ border-color:#70028B }
```

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

Here you see how a box with a 4 pixel #70028B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70028B; -webkit-box-shadow:4px 4px  
4px 4px #70028B; box-shadow:4px 4px 4px  
4px #70028B }
```

# Background

The CSS property to change the background color of an element to Hex 70028B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70028B }
```

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

```
.background{ background-color:#70028B }
```

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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