

# Converting Colors

Hex(D70080)

Have a look what the booklet for  
Hex(D70080) contains.

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**Color**

**Hex(D70080)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | D70080                    |
| RGB           | 215, 0, 128               |
| RGB Percent   | 84%, 0%, 50%              |
| CMY           | 0.1569, 1.0000, 0.4980    |
| CMYK          | 0.00, 1.00, 0.40, 0.16    |
| HSL           | 324°, 100%, 42%           |
| HSV           | 324°, 100%, 84%           |
| XYZ           | 31.9206, 16.0056, 21.8291 |
| YIQ           | 78.8770, 87.0520, 85.3880 |

# Conversions

## Conversions Part 2

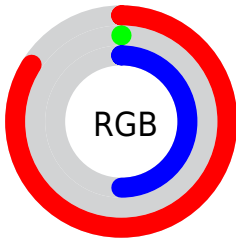
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 215, 0, 128                   |
| Decimal                             | 14090368                      |
| CIE <sub>Lab</sub>                  | 46.98, 76.07, -8.47           |
| CIE <sub>LCh</sub>                  | 47, 76.544, 353.650           |
| Yxy                                 | 16.0056, 0.4576,<br>0.2295    |
| Android<br>(android.graphics.Color) | 4292280448<br>(0xFFD70080)    |
| YUV                                 | 78.8770, 24.2176,<br>119.3799 |
| Hunter-Lab                          | 40.0070, 72.4087,<br>-4.3456  |

# Details

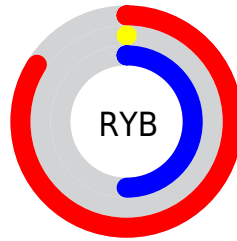
The Hex color **D70080** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **00D757**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FF5BB5**, and **9A004F** is the 20% darker color. If you saturate the color by 10%, you get **D70080**, and if you desaturate by 10%, it is **D71589**.

# Distribution



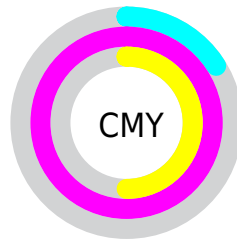
- Red (84%)
- Green (0%)
- Blue (50%)



- Red (84%)
- Yellow (0%)
- Blue (50%)



- Cyan (0%)
- Magenta (100%)
- Yellow (40%)
- Black (16%)



- Cyan (16%)
- Magenta (100%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D70080 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 D70080 by changing the saturation by 10% instead.



 D70080

 D70080

FFFFFF

 B80067

 FF5BB5

 9A004F

 FF7AD0

 7C0038

 FF98EC

 5E0023

 FFB6FF

 43000B

 FFD4FF

 220001

 FFF2FF

 000000

 D70080

 D71589

 D72B91

 D7419A

 D756A3

 D76CAC

 D781B4

 D797BD

 D7ACC6

 D7C2CE

# Harmonies

## Analogous

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



AD3EBD



D70080



DA1841

# Triad

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



D70080



567B00



0087D7

# Complementary

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



D70080



00D757

# 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.



008AA2



D70080



008515

# Square

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



D70080



936800



00895F



007CF1

# Rectangle

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



D70080



CC3B14



00895F



0089C8



# Sweetspot

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



D70080



FFB3E0



5600D7



80526D



000000



808080



# Same Dimension

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



D70080



FF0098



D70016



6B6067



AB0066



2B001A



# Inverse Universe

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



D70080



FF0098



00D7C2



6B6067



AB0066



2B001A



# Previews

## White Background



This preview shows how the Hex color D70080 looks on a white background.

## Color Contrast Check

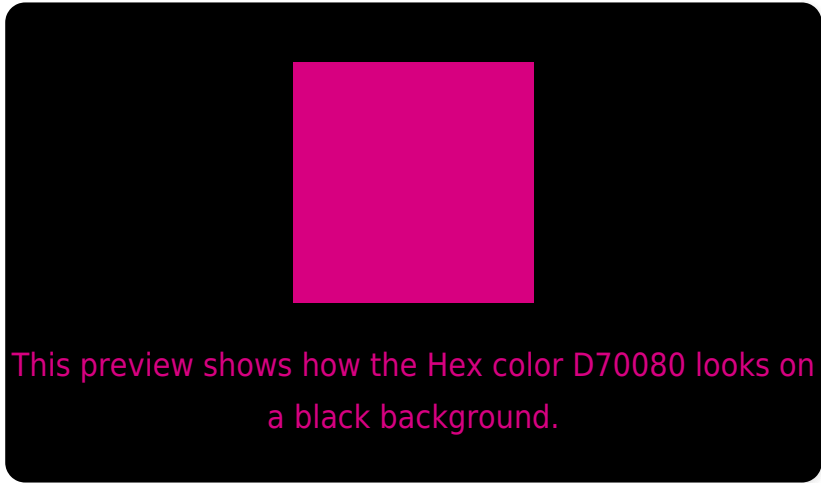
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 D70080 Background



This preview shows how black text looks on a background with the Hex color D70080.




This preview shows how white text looks on a background with the Hex color D70080.

# 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**  
D33334

# Trichromacy



**Original Color**  
D70080



**Protanomaly**  
8447A4



**Deuteranomaly**  
9C467A

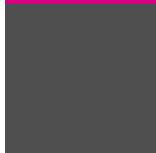


**Tritanomaly**  
D42050

# Monochromacy



**Original Color**  
D70080



**Achromatopsia**  
4F4F4F



**Achromatomaly**  
803261

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D70080 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 #D70080 looks like.

```
.text, #text, p{  
    color:#D70080  
}
```

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 #D70080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D70080
}
```

## Border

The CSS property to change the border of an element to Hex D70080 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
#D70080 }
```

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

```
.border{ border-color:#D70080 }
```

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

Here you see how a box with a 4 pixel #D70080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D70080; -webkit-box-shadow:4px 4px  
4px 4px #D70080; box-shadow:4px 4px 4px  
4px #D70080 }
```

# Background

The CSS property to change the background color of an element to Hex D70080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D70080 }
```

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

```
.background{ background-color:#D70080 }
```

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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