

# Converting Colors

Hex(D70072)

Have a look what the booklet for  
Hex(D70072) contains.

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**Color**

**Hex(D70072)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D70072
RGB	215, 0, 114
RGB Percent	84%, 0%, 45%
CMY	0.1569, 1.0000, 0.5529
CMYK	0.00, 1.00, 0.47, 0.16
HSL	328°, 100%, 42%
HSV	328°, 100%, 84%
XYZ	31.0616, 15.6620, 17.3055
YIQ	77.2810, 91.5460, 81.0340

# Conversions

## Conversions Part 2

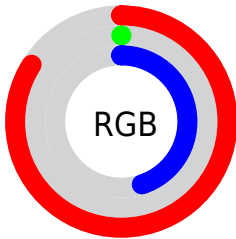
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	215, 0, 114
Decimal	14090354
CIE <sub>Lab</sub>	46.53, 74.88, -0.53
CIE <sub>LCh</sub>	47, 74.887, 359.595
Yxy	15.6620, 0.4851, 0.2446
Android (android.graphics.Color)	4292280434 (0xFFD70072)
YUV	77.2810, 18.1025, 120.7796
Hunter-Lab	39.5752, 70.8435, 1.7762

# Details

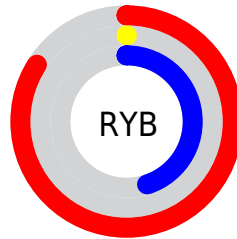
The Hex color **D70072** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **00D765**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FF5BA6**, and **9A0042** is the 20% darker color. If you saturate the color by 10%, you get **D70072**, and if you desaturate by 10%, it is **D7157C**.

# Distribution



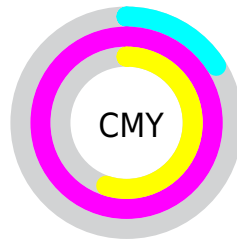
- Red (84%)
- Green (0%)
- Blue (45%)



- Red (84%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (100%)
- Yellow (47%)
- Black (16%)



- Cyan (16%)
- Magenta (100%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D70072 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 D70072 by changing the saturation by 10% instead.



 D70072

 D70072

FFFFFF

 B8005A

 FF5BA6

 9A0042

 FF79C1

 7B002D

 FF97DD

 5D0018

 FFB5F9

 410003

 FFD3FF

 1E0001

 FFF1FF

 000000

 D70072

 D7157C

 D72B86

 D74190

 D7569A

 D76CA4

 D781AF

 D797B9

 D7ACC3

 D7C2CD

# Harmonies

## Analogous

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



B636AF



D70072



D42635

# Triad

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



D70072



477C00



0084DB

# Complementary

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



D70072



00D765

# 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.



0088AB



D70072



008428

# Square

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



D70072



876C00



00886C



0077EE

# Rectangle

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



D70072



C34402



00886C



0086CE



# Sweetspot

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



D70072



FFB3DB



6400D7



80526A



000000



808080



# Same Dimension

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



D70072



FF0087



D70007



6B6066



AB005B



2B0017



# Inverse Universe

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



D70072



FF0087



00D7D0



6B6066



AB005B



2B0017



# Previews

## White Background



This preview shows how the Hex color D70072 looks on a white background.

## Color Contrast Check

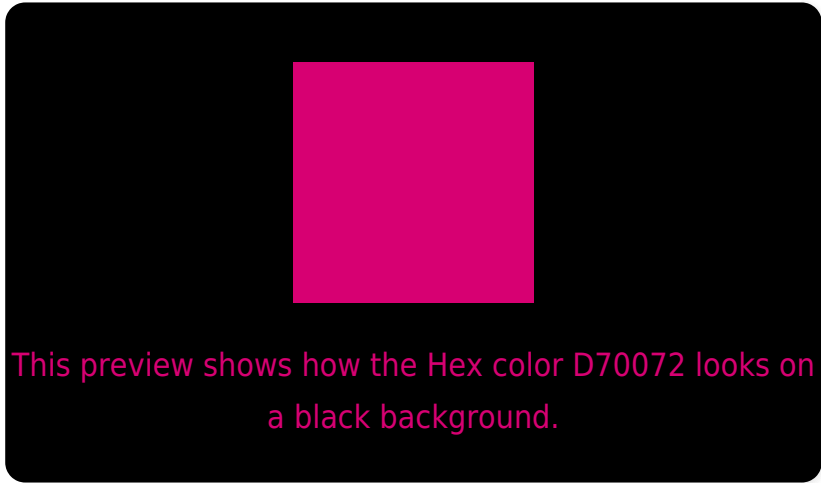
Large Text (above 18pt) WCAG AA ✓ Pass

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 D70072 Background



This preview shows how black text looks on a background with the Hex color D70072.



This preview shows how white text looks on a background with the Hex color D70072.

# 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**  
D70072



**Protanomaly**  
8B4792



**Deuteranomaly**  
9E456C



**Tritanomaly**  
D51D47

# Monochromacy



**Original Color**  
D70072



**Achromatopsia**  
4D4D4D



**Achromatomaly**  
7F315A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D70072 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 #D70072 looks like.

```
.text, #text, p{  
    color:#D70072  
}
```

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 #D70072 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D70072
}
```

## Border

The CSS property to change the border of an element to Hex D70072 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
#D70072 }
```

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

```
.border{ border-color:#D70072 }
```

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

Here you see how a box with a 4 pixel #D70072 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D70072; -webkit-box-shadow:4px 4px  
4px 4px #D70072; box-shadow:4px 4px 4px  
4px #D70072 }
```

# Background

The CSS property to change the background color of an element to Hex D70072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D70072 }
```

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

```
.background{ background-color:#D70072 }
```

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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