

# Converting Colors

Hex(D40071)

Have a look what the booklet for  
Hex(D40071) contains.

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# Color

**Hex(D40071)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D40071
RGB	212, 0, 113
RGB Percent	83%, 0%, 44%
CMY	0.1686, 1.0000, 0.5569
CMYK	0.00, 1.00, 0.47, 0.17
HSL	328°, 100%, 42%
HSV	328°, 100%, 83%
XYZ	30.1320, 15.1893, 16.9665
YIQ	76.2700, 90.0790, 80.0870

# Conversions

## Conversions Part 2

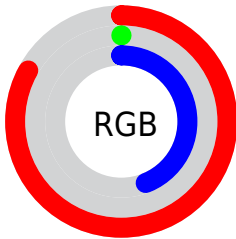
<b>Format</b>	<b>Color</b>
<b>RYB</b>	212, 0, 113
Decimal	13893745
CIELab	45.89, 74.15, -0.91
CIELCh	46, 74.159, 359.295
Yxy	15.1893, 0.4838, 0.2439
Android (android.graphics.Color)	4292083825 (0xFFD40071)
YUV	76.2700, 18.1079, 119.0352
Hunter-Lab	38.9735, 69.8023, 1.4705

# Details

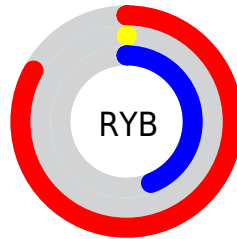
The Hex color **D40071** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **00D463**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF5AA5**, and **970042** is the 20% darker color. If you saturate the color by 10%, you get **D40071**, and if you desaturate by 10%, it is **D4157B**.

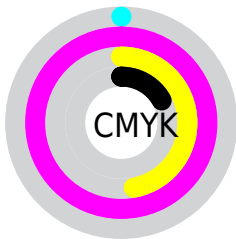
# Distribution



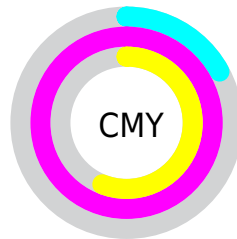
- Red (83%)
- Green (0%)
- Blue (44%)



- Red (83%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (47%)
- Black (17%)



- Cyan (17%)
- Magenta (100%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D40071 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 D40071 by changing the saturation by 10% instead.



 D40071

 D40071

FFFFFF

 B50059

 FF5AA5

 970042

 FF78C0

 79002C

 FF96DB

 5B0018

 FFB4F8

 3E0003

 FFD2FF

 1A0001

 FFF0FF

 000000

 D40071

 D4157B

 D42A85

 D4408F

 D45599

 D46AA3

 D47FAC

 D494B6

 D4AAC0

 D4BFCA

# Harmonies

## Analogous

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



B335AD



D40071



D12534

# Triad

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



D40071



477A00



0082D8

# Complementary

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



D40071



00D463

# 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.



0087A8



D40071



008326

# Square

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



D40071



866A00



008669



0076EB

# Rectangle

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



D40071



C04203



008669



0084CB



# Sweetspot

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



D40071



FFB3DB



6300D4



80526A



000000



808080



# Same Dimension

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



D40071



FF0088



D40007



6B6066



AB005B



2B0017



# Inverse Universe

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



D40071



FF0088



00D4CD



6B6066



AB005B



2B0017



# Previews

## White Background



This preview shows how the Hex color D40071 looks on a white background.

## Color Contrast Check

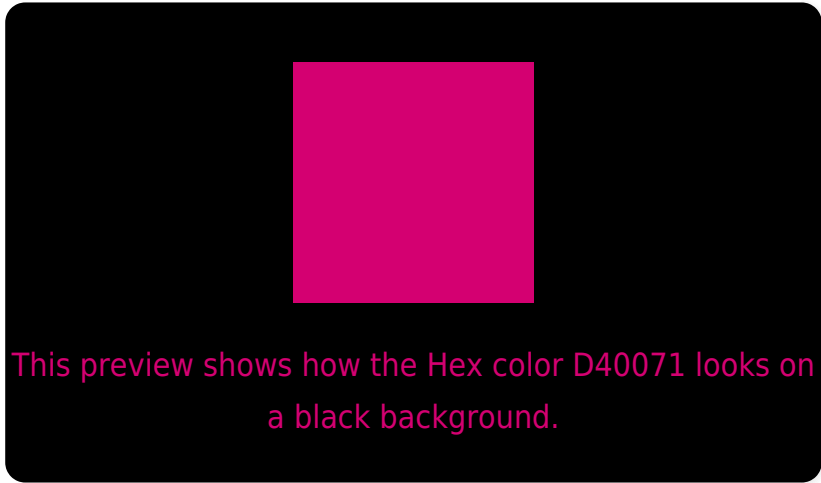
Large Text (above 18pt) WCAG AA ✓ Pass

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 D40071 Background



This preview shows how black text looks on a background with the Hex color D40071.



This preview shows how white text looks on a background with the Hex color D40071.

# 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**  
D40071



**Protanomaly**  
884591



**Deuteranomaly**  
9C446B

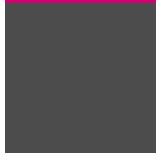


**Tritanomaly**  
D21D46

# Monochromacy



**Original Color**  
D40071



**Achromatopsia**  
4C4C4C



**Achromatomaly**  
7D3059

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D40071 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 #D40071 looks like.

```
.text, #text, p{  
    color:#D40071  
}
```

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 #D40071 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D40071
}
```

## Border

The CSS property to change the border of an element to Hex D40071 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
#D40071 }
```

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

```
.border{ border-color:#D40071 }
```

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

Here you see how a box with a 4 pixel #D40071 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D40071; -webkit-box-shadow:4px 4px  
4px 4px #D40071; box-shadow:4px 4px 4px  
4px #D40071 }
```

# Background

The CSS property to change the background color of an element to Hex D40071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D40071 }
```

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

```
.background{ background-color:#D40071 }
```

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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