

# Converting Colors

Hex(D40DA7)

Have a look what the booklet for  
Hex(D40DA7) contains.

<b>Hex(D40DA7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(D40DA7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D40DA7
RGB	212, 13, 167
RGB Percent	83%, 5%, 65%
CMY	0.1686, 0.9490, 0.3451
CMYK	0.00, 0.94, 0.21, 0.17
HSL	314°, 88%, 44%
HSV	314°, 94%, 83%
XYZ	34.2704, 17.0749, 38.0488
YIQ	90.0570, 69.1700, 90.0820

# Conversions

## Conversions Part 2

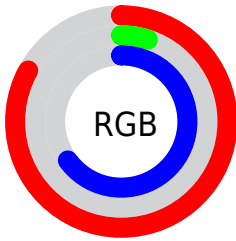
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	212, 13, 167
Decimal	13897127
CIE <sub>Lab</sub>	48.35, 78.49, -29.92
CIE <sub>LCh</sub>	48, 83.993, 339.135
Yxy	17.0749, 0.3834, 0.1910
Android (android.graphics.Color)	4292087207 (0xFFD40DA7)
YUV	90.0570, 37.9329, 106.9440
Hunter-Lab	41.3218, 75.7263, -25.6684

# Details

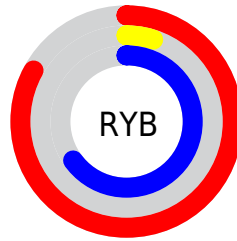
The Hex color **D40DA7** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **0DD43A**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF5FDE**, and **980073** is the 20% darker color. If you saturate the color by 10%, you get **D400A4**, and if you desaturate by 10%, it is **D422AC**.

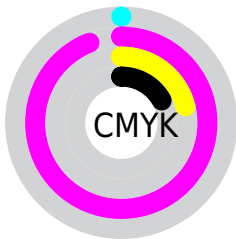
# Distribution



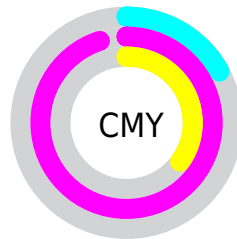
- Red (83%)
- Green (5%)
- Blue (65%)



- Red (83%)
- Yellow (5%)
- Blue (65%)



- Cyan (0%)
- Magenta (94%)
- Yellow (21%)
- Black (17%)



- Cyan (17%)
- Magenta (95%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D40DA7 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 D40DA7 by changing the saturation by 10% instead.



 D40DA7

 D40DA7

FFFFFF

 B6008C

 FF5FDE

 980073

 FF7EFB

 7B005A

 FF9CFF

 5E0042

 FFBAFF

 44002C

 FFD8FF

 260015

 FFF6FF

 000000

 D40DA7

 D40DA7

 D400A4

 D422AC

 D437B1

 D44DB5

 D462BA

 D477BF

 D48CC4

 D4A1C9

 D4B7CD

 D4CCD2

# Harmonies

## Analogous

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



8A52E3



D40DA7



EB0061

# Triad

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



D40DA7



797700



008FCC

# Complementary

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



D40DA7



0DD43A

# 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.



009088



D40DA7



188600

# Square

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



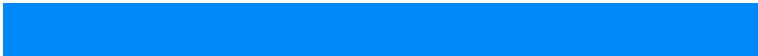
D40DA7



B35C00



008D3C



0088F9

# Rectangle

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



D40DA7



E40E33



008D3C



0090B7



# Sweetspot

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



D40DA7



FFB8EF



380DD4



805476



000000



808080



# Same Dimension

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



D40DA7



FF00C5



D40D45



6B6069



AB0084



2B0022



# Inverse Universe

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



D40DA7



FF00C5



0DD49C



6B6069



AB0084



2B0022



# Previews

## White Background



This preview shows how the Hex color D40DA7 looks on a white background.

## Color Contrast Check

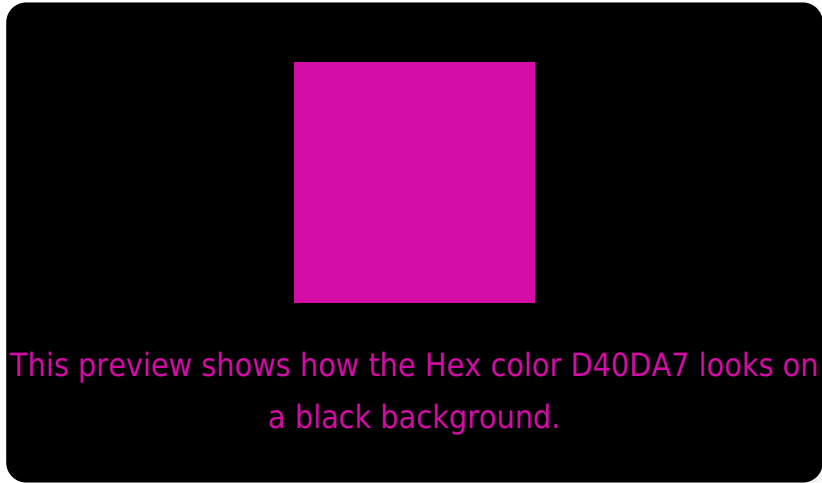
Large Text (above 18pt) WCAG AA ✓ Pass

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 D40DA7 Background



This preview shows how black text looks on a background with the Hex color D40DA7.



This preview shows how white text looks on a background with the Hex color D40DA7.

# 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**  
D40DA7



**Protanomaly**  
5C4CD3



**Deuteranomaly**  
904DA1



**Tritanomaly**  
CF2F69

# Monochromacy



**Original Color**  
D40DA7



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
863E76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D40DA7 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 #D40DA7 looks like.

```
.text, #text, p{  
    color:#D40DA7  
}
```

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 #D40DA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D40DA7
}
```

## Border

The CSS property to change the border of an element to Hex D40DA7 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
#D40DA7 }
```

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

```
.border{ border-color:#D40DA7 }
```

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

Here you see how a box with a 4 pixel #D40DA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D40DA7; -webkit-box-shadow:4px 4px  
4px 4px #D40DA7; box-shadow:4px 4px 4px  
4px #D40DA7 }
```

# Background

The CSS property to change the background color of an element to Hex D40DA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D40DA7 }
```

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

```
.background{ background-color:#D40DA7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor