

Converting Colors

Hex(D40DA2)

Have a look what the booklet for
Hex(D40DA2) contains.

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Color

Hex(D40DA2)

Conversions

Conversions Part 1

Format	Color
Hex	D40DA2
RGB	212, 13, 162
RGB Percent	83%, 5%, 64%
CMY	0.1686, 0.9490, 0.3647
CMYK	0.00, 0.94, 0.24, 0.17
HSL	315°, 88%, 44%
HSV	315°, 94%, 83%
XYZ	33.8169, 16.8935, 35.6608
YIQ	89.4870, 70.7750, 88.5270

Conversions

Conversions Part 2

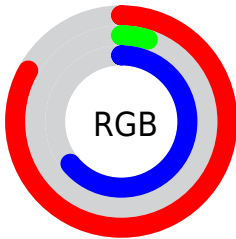
Format	Color
R_{YB}	212, 13, 162
Decimal	13897122
CIE _{Lab}	48.13, 77.89, -27.30
CIE _{LCh}	48, 82.540, 340.686
Yxy	16.8935, 0.3915, 0.1956
Android (android.graphics.Color)	4292087202 (0xFFD40DA2)
YUV	89.4870, 35.7489, 107.4439
Hunter-Lab	41.1017, 74.9347, -22.6702

Details

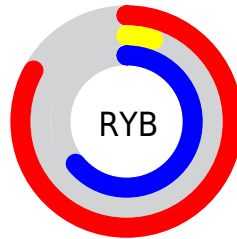
The Hex color **D40DA2** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **0DD43F**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF5FD9**, and **98006E** is the 20% darker color. If you saturate the color by 10%, you get **D4009F**, and if you desaturate by 10%, it is **D422A7**.

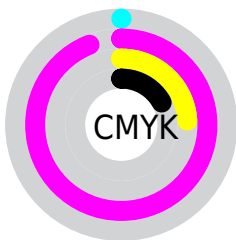
Distribution



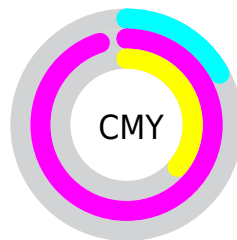
- Red (83%)
- Green (5%)
- Blue (64%)



- Red (83%)
- Yellow (5%)
- Blue (64%)



- Cyan (0%)
- Magenta (94%)
- Yellow (24%)
- Black (17%)



- Cyan (17%)
- Magenta (95%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color D40DA2 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 D40DA2 by changing the saturation by 10% instead.

 D40DA2

 D40DA2

FFFFFF

 B60088

 FF5FD9

 98006E

 FF7EF6

 7B0055

 FF9CFF

 5E003E

 FFB9FF

 430028

 FFD7FF

 250011

 FFF5FF

 000000

 D40DA2

 D40DA2

 D4009F

 D422A7

 D437AD

 D44DB2

 D462B7

 D477BD

 D48CC2

 D4A1C7

 D4B7CD

 D4CCD2

Harmonies

Analogous

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



8F50DE



D40DA2



E8005D

Triad

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



D40DA2



757700



008ECD

Complementary

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



D40DA2



0DD43F

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.



008F8A



D40DA2



0F8500

Square

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



D40DA2



AF5D00



008C40



0087F8

Rectangle

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



D40DA2



E11930



008C40



008FB8

Sweetspot

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



D40DA2



FFB8ED



3F0DD4



805475



000000



808080

Same Dimension

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



D40DA2



FF00BF



D40D3F



6B6068



AB0080



2B0020

Inverse Universe

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



D40DA2



FF00BF



0DD4A2



6B6068



AB0080



2B0020

Previews

White Background



This preview shows how the Hex color D40DA2 looks on a white background.

Color Contrast Check

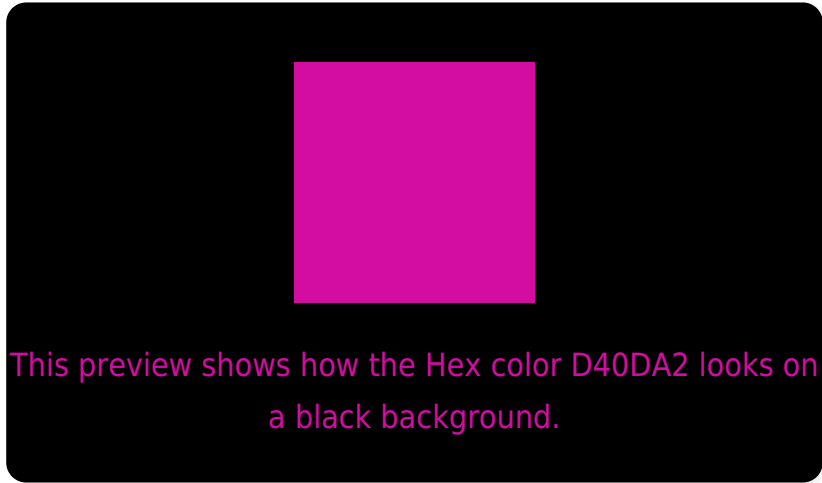
Large Text (above 18pt) WCAG AA ✓ Pass

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 D40DA2 Background



This preview shows how black text looks on a background with the Hex color D40DA2.

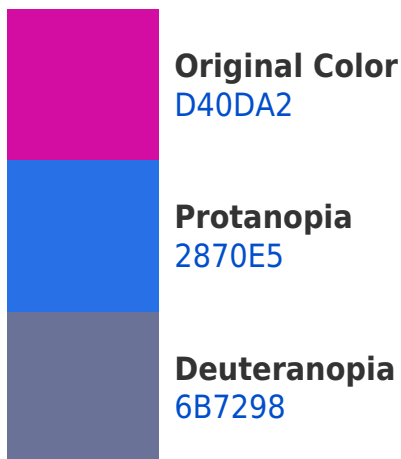


This preview shows how white text looks on a background with the Hex color D40DA2.

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



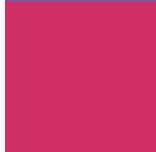
Original Color
D40DA2



Protanomaly
674CCD



Deuteranomaly
914D9C



Tritanomaly
D02E66

Monochromacy



Original Color
D40DA2



Achromatopsia
595959



Achromatomaly
863D74

CSS Examples

Text

The CSS property to change the color of the text to Hex D40DA2 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 #D40DA2 looks like.

```
.text, #text, p{  
    color:#D40DA2  
}
```

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 #D40DA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D40DA2
}
```

Border

The CSS property to change the border of an element to Hex D40DA2 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
#D40DA2 }
```

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

```
.border{ border-color:#D40DA2 }
```

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

Here you see how a box with a 4 pixel #D40DA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D40DA2; -webkit-box-shadow:4px 4px  
4px 4px #D40DA2; box-shadow:4px 4px 4px  
4px #D40DA2 }
```

Background

The CSS property to change the background color of an element to Hex D40DA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D40DA2 }
```

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

```
.background{ background-color:#D40DA2 }
```

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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