

Converting Colors

Hex(D40DB0)

Have a look what the booklet for
Hex(D40DB0) contains.

Hex(D40DB0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D40DB0)

Conversions

Conversions Part 1

Format	Color
Hex	D40DB0
RGB	212, 13, 176
RGB Percent	83%, 5%, 69%
CMY	0.1686, 0.9490, 0.3098
CMYK	0.00, 0.94, 0.17, 0.17
HSL	311°, 88%, 44%
HSV	311°, 94%, 83%
XYZ	35.1318, 17.4195, 42.5849
YIQ	91.0830, 66.2810, 92.8810

Conversions

Conversions Part 2

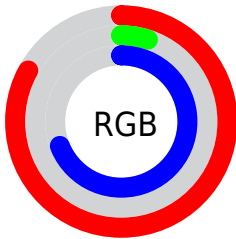
Format	Color
R _Y B	212, 13, 176
Decimal	13897136
CIE Lab	48.78, 79.59, -34.56
CIE LCh	49, 86.770, 336.526
Yxy	17.4195, 0.3693, 0.1831
Android (android.graphics.Color)	4292087216 (0xFFD40DB0)
YUV	91.0830, 41.8641, 106.0442
Hunter-Lab	41.7367, 77.2130, -31.2794

Details

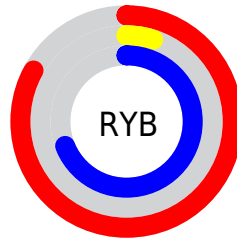
The Hex color **D40DB0** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **0DD431**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF60E8**, and **98007B** is the 20% darker color. If you saturate the color by 10%, you get **D400AE**, and if you desaturate by 10%, it is **D422B4**.

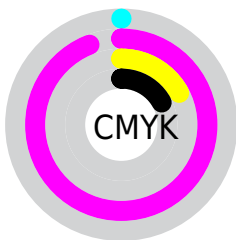
Distribution



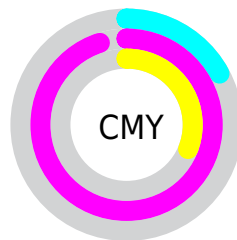
- Red (83%)
- Green (5%)
- Blue (69%)



- Red (83%)
- Yellow (5%)
- Blue (69%)



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



- Cyan (17%)
- Magenta (95%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color D40DB0 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 D40DB0 by changing the saturation by 10% instead.

 D40DB0

 D40DB0

FFFFFF

 B60095

 FF60E8

 98007B

 FF7EFF

 7B0062

 FF9CFF

 5F0049

 FFBAFF

 440032

 FFD8FF

 26001C

 FFF7FF

 000000

 D40DB0

 D40DB0

 D400AE

 D422B4

 D437B8

 D44DBC

 D462BF

 D477C3

 D48CC7

 D4A1CB

 D4B7CF

 D4CCD3

Harmonies

Analogous

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



8156EC



D40DB0



EF0068

Triad

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



D40DB0



7F7600



0091CB

Complementary

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



D40DB0



0DD431

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.



009183



D40DB0



248600

Square

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



D40DB0



BA5900



008E34



008BFC

Rectangle

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



D40DB0



EA0038



008E34



0092B4

Sweetspot

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



D40DB0



FFB8F2



2E0DD4



805478



000000



808080

Same Dimension

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



D40DB0



FF00D1



D40D4F



6B6069



AB008C



2B0024

Inverse Universe

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



D40DB0



FF00D1



0DD492



6B6069



AB008C



2B0024

Previews

White Background



This preview shows how the Hex color D40DB0 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 D40DB0 Background



This preview shows how black text looks on a background with the Hex color D40DB0.

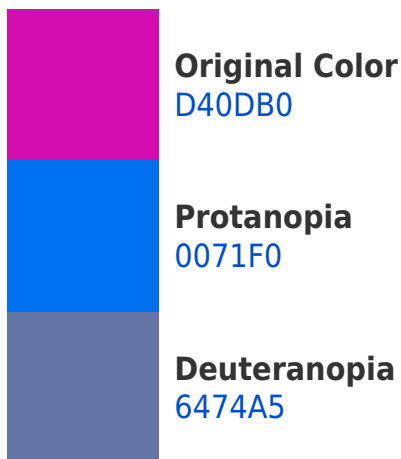


This preview shows how white text looks on a background with the Hex color D40DB0.

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
D40DB0



Protanomaly
4D4DD9



Deuteranomaly
8D4FA9



Tritanomaly
CE316F

Monochromacy



Original Color
D40DB0



Achromatopsia
5B5B5B



Achromatomaly
873F7A

CSS Examples

Text

The CSS property to change the color of the text to Hex D40DB0 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 #D40DB0 looks like.

```
.text, #text, p{  
    color:#D40DB0  
}
```

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 #D40DB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D40DB0
}
```

Border

The CSS property to change the border of an element to Hex D40DB0 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
#D40DB0 }
```

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

```
.border{ border-color:#D40DB0 }
```

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

Here you see how a box with a 4 pixel #D40DB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D40DB0; -webkit-box-shadow:4px 4px  
4px 4px #D40DB0; box-shadow:4px 4px 4px  
4px #D40DB0 }
```

Background

The CSS property to change the background color of an element to Hex D40DB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D40DB0 }
```

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

```
.background{ background-color:#D40DB0 }
```

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