

Converting Colors

Hex(DC40B8)

Have a look what the booklet for
Hex(DC40B8) contains.

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Color

Hex(DC40B8)

Conversions

Conversions Part 1

Format	Color
Hex	DC40B8
RGB	220, 64, 184
RGB Percent	86%, 25%, 72%
CMY	0.1373, 0.7490, 0.2784
CMYK	0.00, 0.71, 0.16, 0.14
HSL	314°, 69%, 56%
HSV	314°, 71%, 86%
XYZ	40.0003, 22.3431, 47.5518
YIQ	124.3240, 54.4560, 70.3920

Conversions

Conversions Part 2

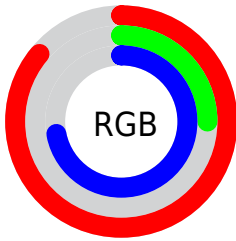
Format	Color
R _{YB}	220, 64, 184
Decimal	14434488
CIE Lab	54.39, 71.29, -30.38
CIE LCh	54, 77.496, 336.921
Yxy	22.3431, 0.3640, 0.2033
Android (android.graphics.Color)	4292624568 (0xFFDC40B8)
YUV	124.3240, 29.4203, 83.9079
Hunter-Lab	47.2685, 68.3332, -26.5574

Details

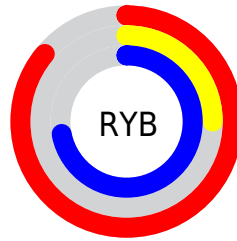
The Hex color **DC40B8** is a light color, and the websafe version is hex **CC0099**. The color can be described as light muted rose. A complement of this color would be **40DC64**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF7CF0**, and **A10083** is the 20% darker color. If you saturate the color by 10%, you get **DC2AB3**, and if you desaturate by 10%, it is **DC56BD**.

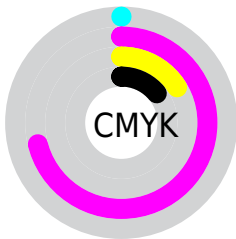
Distribution



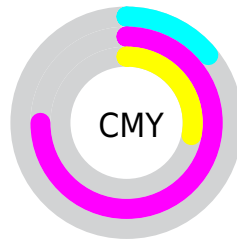
- Red (86%)
- Green (25%)
- Blue (72%)



- Red (86%)
- Yellow (25%)
- Blue (72%)



- Cyan (0%)
- Magenta (71%)
- Yellow (16%)
- Black (14%)



- Cyan (14%)
- Magenta (75%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC40B8 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 DC40B8 by changing the saturation by 10% instead.

 DC40B8

 DC40B8

FFFFFF

 BE199D

 FF7CF0

 A10083

 FF99FF

 840069

 FFB7FF

 680051

 FFD4FF

 4C0039

 FFF2FF

 310023

 060009

 000000

 DC40B8

 DC40B8

 DC2AB3

 DC56BD

 DC14AE

 DC6CC2

 DC00A9

 DC82C7

 DC98CC

 DCAED1

 DCC4D6

 DCDADC

 DCF0E1

 DCFFE6

Harmonies

Analogous

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



9468EE



DC40B8



F52976

Triad

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



DC40B8



908400



009ED2

Complementary

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



DC40B8



40DC64

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.



009F90



DC40B8



459400

Square

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



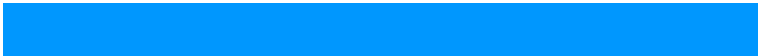
DC40B8



C66B00



009C4A



0097FE

Rectangle

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



DC40B8



F23A4A



009C4A



009FBD

Sweetspot

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



DC40B8



FFC9F3



6240DC



806078



000000



808080

Same Dimension

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



DC40B8



FF26CD



DC406C



6E636B



AD0085



2E0023

Inverse Universe

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



DC40B8



FF26CD



40DCB0



6E636B



AD0085



2E0023

Previews

White Background



This preview shows how the Hex color DC40B8 looks on a white background.

Color Contrast Check

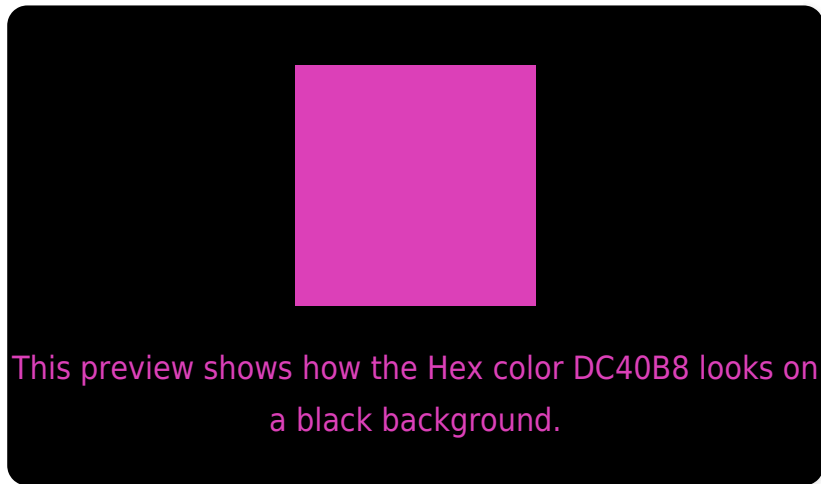
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DC40B8 Background



This preview shows how black text looks on a background with the Hex color DC40B8.

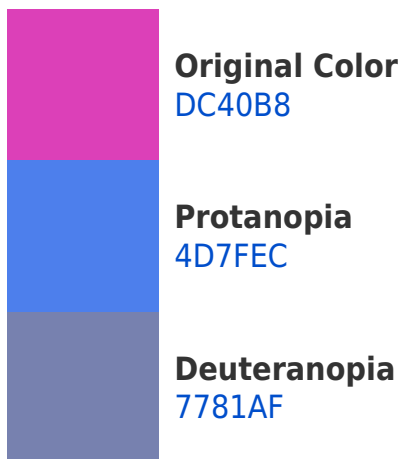



This preview shows how white text looks on a background with the Hex color DC40B8.

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





Tritanopia
D45B61

Trichromacy



Original Color
DC40B8



Protanomaly
8168D9



Deuteranomaly
9C69B2



Tritanomaly
D75181

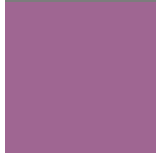
Monochromacy



Original Color
DC40B8



Achromatopsia
7C7C7C



Achromatomaly
9F6692

CSS Examples

Text

The CSS property to change the color of the text to Hex DC40B8 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 #DC40B8 looks like.

```
.text, #text, p{  
    color:#DC40B8  
}
```

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 #DC40B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC40B8
}
```

Border

The CSS property to change the border of an element to Hex DC40B8 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
#DC40B8 }
```

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

```
.border{ border-color:#DC40B8 }
```

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

Here you see how a box with a 4 pixel #DC40B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC40B8; -webkit-box-shadow:4px 4px  
4px 4px #DC40B8; box-shadow:4px 4px 4px  
4px #DC40B8 }
```

Background

The CSS property to change the background color of an element to Hex DC40B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC40B8 }
```

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

```
.background{ background-color:#DC40B8 }
```

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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