

Converting Colors

Hex(DA40CC)

Have a look what the booklet for
Hex(DA40CC) contains.

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Color

Hex(DA40CC)

Conversions

Conversions Part 1	
Format	Color
Hex	DA40CC
RGB	218, 64, 204
RGB Percent	85%, 25%, 80%
CMY	0.1451, 0.7490, 0.2000
CMYK	0.00, 0.71, 0.06, 0.15
HSL	305°, 68%, 55%
HSV	305°, 71%, 85%
XYZ	41.6459, 22.9319, 59.3580
YIQ	126.0060, 46.8440, 76.1880

Conversions

Conversions Part 2

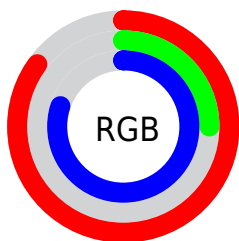
Format	Color
RYB	218, 64, 204
Decimal	14303436
CIELab	55.00, 73.72, -40.96
CIELCh	55, 84.338, 330.941
Yxy	22.9319, 0.3360, 0.1850
Android (android.graphics.Color)	4292493516 (0xFFDA40CC)
YUV	126.0060, 38.4510, 80.6787
Hunter-Lab	47.8872, 71.4329, -39.9712

Details

The Hex color **DA40CC** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **40DA4E**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF7DFF**, and **9F0095** is the 20% darker color. If you saturate the color by 10%, you get **DA2ACA**, and if you desaturate by 10%, it is **DA56CE**.

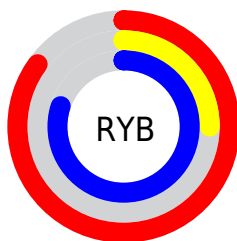
Distribution



Red (85%)

Green (25%)

Blue (80%)



Red (85%)

Yellow (25%)

Blue (80%)

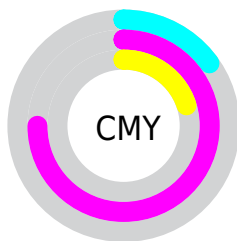


Cyan (0%)

Magenta (71%)

Yellow (6%)

Black (15%)



Cyan (15%)

Magenta (75%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA40CC 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 DA40CC by changing the saturation by 10% instead.

 DA40CC

 DA40CC

FFFFFF

 BC18B0

 FF7DFF

 9F0095

 FF9AFF

 82007B

 FFB7FF

 660062

 FFD5FF

 4B0049

 FFF3FF

 300032

 06001C

 000000

 DA40CC

 DA40CC

 DA2ACA

 DA56CE

 DA14C8

 DA6CD0

 DA00C6

 DA81D2

 DA97D4

 DAADD6

 DAC3D8

 DAD9DA

 DAEEDC

 DAFFDE

Harmonies

Analogous

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



7B6FFF



DA40CC



FE0685

Triad

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



DA40CC



9E8200



00A2CE

Complementary

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



DA40CC



40DA4E

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.



00A284



DA40CC



539400

Square

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



DA40CC



D66200



009E36



009DFF

Rectangle

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



DA40CC



FF2055



009E36



00A2B6

Sweetspot

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



DA40CC



FFC9FA



4D40DA



80607D



000000



808080

Same Dimension

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



DA40CC



FF26EB



DA4080



6E636D



AD009E



2E002A

Inverse Universe

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



DA40CC



FF26EB



40DA9A



6E636D



AD009E



2E002A

Previews

White Background



This preview shows how the Hex color DA40CC looks on a white background.

Color Contrast Check

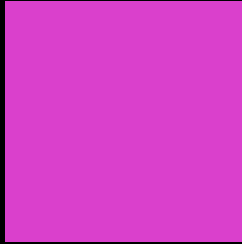
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color DA40CC looks on a 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 DA40CC Background



This preview shows how black text looks on a background with the Hex color DA40CC.



This preview shows how white text looks on a background with the Hex color DA40CC.

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



Original Color

DA40CC

Protanopia

3A80FF

Deuteranopia

6A83C2



Tritanopia

CF6168

Trichromacy



Original Color

DA40CC



Protanomaly

7469EC



Deuteranomaly

936BC6



Tritanomaly

D3558C

Monochromacy



Original Color

DA40CC



Achromatopsia

7E7E7E



Achromatomaly

9F679A

CSS Examples

Text

The CSS property to change the color of the text to Hex DA40CC 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 #DA40CC looks like.

```
.text, #text, p{  
    color:#DA40CC  
}
```

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 #DA40CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA40CC
}
```

Border

The CSS property to change the border of an element to Hex DA40CC 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
#DA40CC }
```

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

```
.border{ border-color:#DA40CC }
```

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

Here you see how a box with a 4 pixel #DA40CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA40CC; -webkit-box-shadow:4px 4px  
4px 4px #DA40CC; box-shadow:4px 4px 4px  
4px #DA40CC }
```

Background

The CSS property to change the background color of an element to Hex DA40CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA40CC }
```

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

```
.background{ background-color:#DA40CC }
```

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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