

# Converting Colors

Hex(DA40C2)

Have a look what the booklet for  
Hex(DA40C2) contains.

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# Color

Hex(DA40C2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA40C2
RGB	218, 64, 194
RGB Percent	85%, 25%, 76%
CMY	0.1451, 0.7490, 0.2392
CMYK	0.00, 0.71, 0.11, 0.15
HSL	309°, 68%, 55%
HSV	309°, 71%, 85%
XYZ	40.4844, 22.4673, 53.2418
YIQ	124.8660, 50.0540, 73.0780

# Conversions

## Conversions Part 2

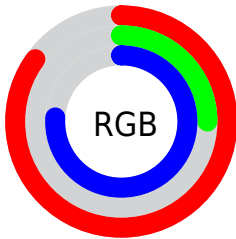
Format	Color
R <sub>Y</sub> B	218, 64, 194
Decimal	14303426
CIE Lab	54.52, 72.24, -35.98
CIE LCh	55, 80.703, 333.523
Yxy	22.4673, 0.3484, 0.1934
Android (android.graphics.Color)	4292493506 (0xFFDA40C2)
YUV	124.8660, 34.0831, 81.6785
Hunter-Lab	47.3996, 69.5090, -33.4179

# Details

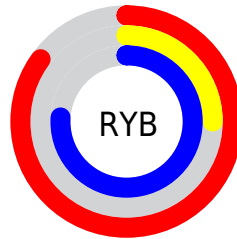
The Hex color **DA40C2** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **40DA58**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF7CFB**, and **9F008C** is the 20% darker color. If you saturate the color by 10%, you get **DA2ABF**, and if you desaturate by 10%, it is **DA56C5**.

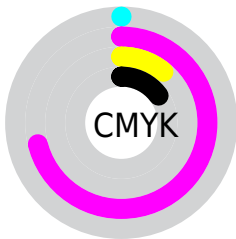
# Distribution



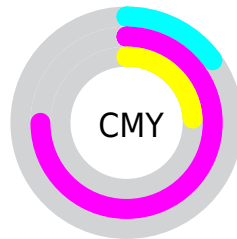
- Red (85%)
- Green (25%)
- Blue (76%)



- Red (85%)
- Yellow (25%)
- Blue (76%)



- Cyan (0%)
- Magenta (71%)
- Yellow (11%)
- Black (15%)



- Cyan (15%)
- Magenta (75%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA40C2 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 DA40C2 by changing the saturation by 10% instead.



 DA40C2

 DA40C2

FFFFFF

 BC19A7

 FF7CFB

 9F008C

 FF99FF

 820072

 FFB7FF

 660059

 FFD4FF

 4B0041

 FFF2FF

 30002A

 040014

 000000

 DA40C2

 DA40C2

 DA2ABF

 DA56C5

 DA14BB

 DA6CC9

 DA00B8

 DA81CC

 DA97D0

 DAADD3

 DAC3D6

 DAD9DA

 DAEEDD

 DAFFE1

# Harmonies

## Analogous

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



876BF8



DA40C2



F91C7D

# Triad

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



DA40C2



978200



00A0CE

# Complementary

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



DA40C2



40DA58

# 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.



00A089



DA40C2



4D9300

# Square

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



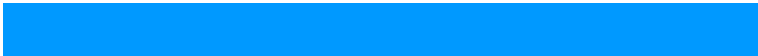
DA40C2



CE6600



009C3F



0099FF

# Rectangle

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



DA40C2



F82E50



009C3F



00A0B9



# Sweetspot

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



DA40C2



FFC9F7



5740DA



80607B



000000



808080



# Same Dimension

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



DA40C2



FF26DD



DA4076



6E636C



AD0092



2E0027



# Inverse Universe

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



DA40C2



FF26DD



40DAA4



6E636C



AD0092



2E0027



# Previews

## White Background



This preview shows how the Hex color DA40C2 looks on a white background.

## Color Contrast Check

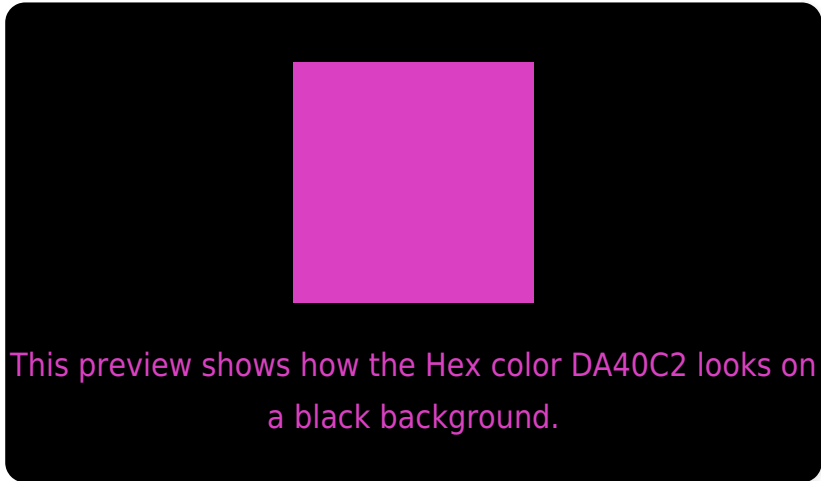
Large Text (above 18pt) WCAG AA ✓ Pass

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

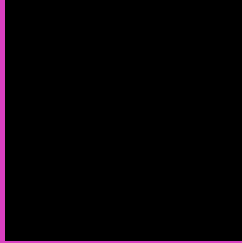
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex DA40C2 Background



This preview shows how black text looks on a background with the Hex color DA40C2.



This preview shows how white text looks on a background with the Hex color DA40C2.

# 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**  
D15E64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA40C2 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 #DA40C2 looks like.

```
.text, #text, p{  
    color:#DA40C2  
}
```

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 #DA40C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA40C2
}
```

## Border

The CSS property to change the border of an element to Hex DA40C2 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
#DA40C2 }
```

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

```
.border{ border-color:#DA40C2 }
```

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

Here you see how a box with a 4 pixel #DA40C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA40C2; -webkit-box-shadow:4px 4px  
4px 4px #DA40C2; box-shadow:4px 4px 4px  
4px #DA40C2 }
```

# Background

The CSS property to change the background color of an element to Hex DA40C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA40C2 }
```

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

```
.background{ background-color:#DA40C2 }
```

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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