

# Converting Colors

Hex(D40FC1)

Have a look what the booklet for  
Hex(D40FC1) contains.

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# Color

**Hex(D40FC1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D40FC1
RGB	212, 15, 193
RGB Percent	83%, 6%, 76%
CMY	0.1686, 0.9412, 0.2431
CMYK	0.00, 0.93, 0.09, 0.17
HSL	306°, 87%, 45%
HSV	306°, 93%, 83%
XYZ	36.9478, 18.1890, 52.0155
YIQ	94.1950, 60.2740, 97.1220

# Conversions

## Conversions Part 2

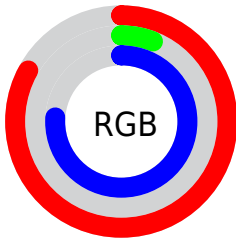
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	212, 15, 193
Decimal	13897665
CIE <sub>Lab</sub>	49.72, 81.62, -43.03
CIE <sub>LCh</sub>	50, 92.264, 332.202
Yxy	18.1890, 0.3448, 0.1697
Android (android.graphics.Color)	4292087745 (0xFFD40FC1)
YUV	94.1950, 48.7109, 103.3150
Hunter-Lab	42.6485, 80.0057, -42.4581

# Details

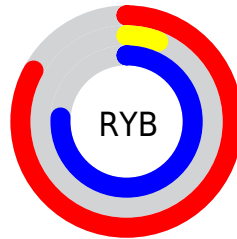
The Hex color **D40FC1** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed magenta. A complement of this color would be **0FD422**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF61FA**, and **99008B** is the 20% darker color. If you saturate the color by 10%, you get **D400C0**, and if you desaturate by 10%, it is **D424C3**.

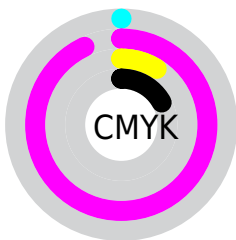
# Distribution



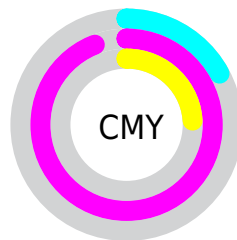
- Red (83%)
- Green (6%)
- Blue (76%)



- Red (83%)
- Yellow (6%)
- Blue (76%)



- Cyan (0%)
- Magenta (93%)
- Yellow (9%)
- Black (17%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color D40FC1 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 D40FC1 by changing the saturation by 10% instead.



 D40FC1

 D40FC1

FFFFFF

 B600A5

 FF61FA

 99008B

 FF80FF

 7B0071

 FF9EFF

 5F0058

 FFBCFF

 450040

 FFDAFF

 260029

 FFF8FF

 000112

 000000

 D40FC1

 D40FC1

 D400C0

 D424C3

 D439C5

 D44FC7

 D464C9

 D479CB

 D48ECD

 D4A3CF

 D4B9D1

 D4CED3

# Harmonies

## Analogous

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



6C5DFE



D40FC1



F80074

# Triad

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



D40FC1



8B7600



0095C9

# Complementary

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



D40FC1



0FD422

# 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.



00957A



D40FC1



348800

# Square

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



D40FC1



C85200



009122



0090FF

# Rectangle

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



D40FC1



F60041



009122



0095B0



# Sweetspot

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



D40FC1



FFB8F8



1F0FD4



80547B



000000



808080



# Same Dimension

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



D40FC1



FF00E6



D40F61



6B606A



AB009A



2B0027



# Inverse Universe

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



D40FC1



FF00E6



0FD482



6B606A



AB009A



2B0027



# Previews

## White Background



This preview shows how the Hex color D40FC1 looks on a white background.

## Color Contrast Check

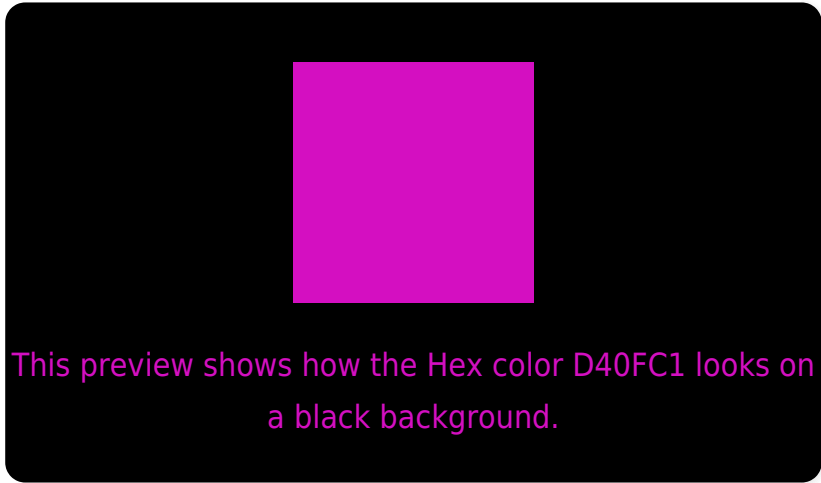
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

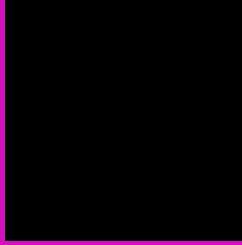
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D40FC1 Background



This preview shows how black text looks on a background with the Hex color D40FC1.

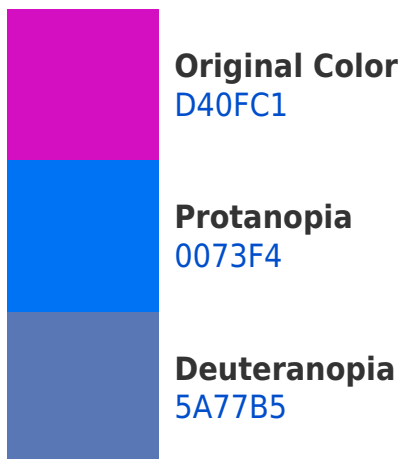



This preview shows how white text looks on a background with the Hex color D40FC1.

# 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**  
C94D51

# Trichromacy



**Original Color**  
D40FC1



**Protanomaly**  
4D4FE1



**Deuteranomaly**  
8651B9



**Tritanomaly**  
CD367A

# Monochromacy



**Original Color**  
D40FC1



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
894182

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D40FC1 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 #D40FC1 looks like.

```
.text, #text, p{  
    color:#D40FC1  
}
```

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 #D40FC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D40FC1
}
```

## Border

The CSS property to change the border of an element to Hex D40FC1 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
#D40FC1 }
```

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

```
.border{ border-color:#D40FC1 }
```

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

Here you see how a box with a 4 pixel #D40FC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D40FC1; -webkit-box-shadow:4px 4px  
4px 4px #D40FC1; box-shadow:4px 4px 4px  
4px #D40FC1 }
```

# Background

The CSS property to change the background color of an element to Hex D40FC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D40FC1 }
```

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

```
.background{ background-color:#D40FC1 }
```

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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