

Converting Colors

Hex(DD40FF)

Have a look what the booklet for
Hex(DD40FF) contains.

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Color

Hex(DD40FF)

Conversions

Conversions Part 1

Format	Color
Hex	DD40FF
RGB	221, 64, 255
RGB Percent	87%, 25%, 100%
CMY	0.1333, 0.7490, 0.0000
CMYK	0.13, 0.75, 0.00, 0.00
HSL	289°, 100%, 63%
HSV	289°, 75%, 100%
XYZ	49.7022, 26.2589, 97.0566
YIQ	132.7170, 32.2610, 92.6850

Conversions

Conversions Part 2

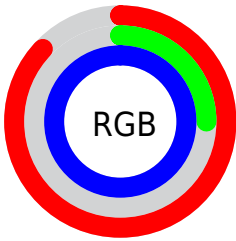
Format	Color
R _Y B	221, 64, 255
Decimal	14500095
CIE Lab	58.28, 82.64, -64.41
CIE LCh	58, 104.777, 322.069
Yxy	26.2589, 0.2873, 0.1518
Android (android.graphics.Color)	4292690175 (0xFFDD40FF)
YUV	132.7170, 60.2855, 77.4242
Hunter-Lab	51.2435, 83.4550, -76.4265

Details

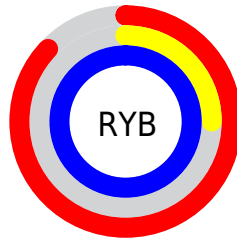
The Hex color **DD40FF** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **62FF40**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF7FFF**, and **A100C5** is the 20% darker color. If you saturate the color by 10%, you get **D826FF**, and if you desaturate by 10%, it is **E25AFF**.

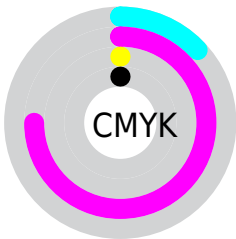
Distribution



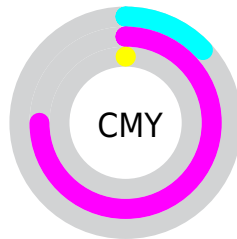
- Red (87%)
- Green (25%)
- Blue (100%)



- Red (87%)
- Yellow (25%)
- Blue (100%)



- Cyan (13%)
- Magenta (75%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (75%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD40FF 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 DD40FF by changing the saturation by 10% instead.

 DD40FF

 DD40FF

FFFFFF

 BF13E2

 FF7FFF

 A100C5

 FF9DFF

 8400A9

 FFBAFF

 66008E

 FFD8FF

 490074

 FFF6FF

 2D005A

 010041

 00032A

 000114

 DD40FF

 DD40FF

 D826FF

 E25AFF

 D40DFF

 E673FF

 D200FF

 EB8DFF

 EFA6FF

 F4C0FF

 F8D9FF

 FDF3FF

FFFFFF

Harmonies

Analogous

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



0080FF



DD40FF



FF00A9

Triad

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



DD40FF



BF8000



00B1CF

Complementary

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



DD40FF



62FF40

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.



00AF70



DD40FF



699B00

Square

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



DD40FF



FE4D00



00A900



00AEFF

Rectangle

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



DD40FF



FF006C



00A900



00B0B0

Sweetspot

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



DD40FF



F5C7FF



4063FF



7A5E80



000000



808080

Same Dimension

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



DD40FF



D619FF



FF40C3



7D7380



9D00BF



340040

Inverse Universe

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



FF4062



FF1942



40FF7C



807375



BF0022



40000B

Previews

White Background



This preview shows how the Hex color DD40FF looks on a white background.

Color Contrast Check

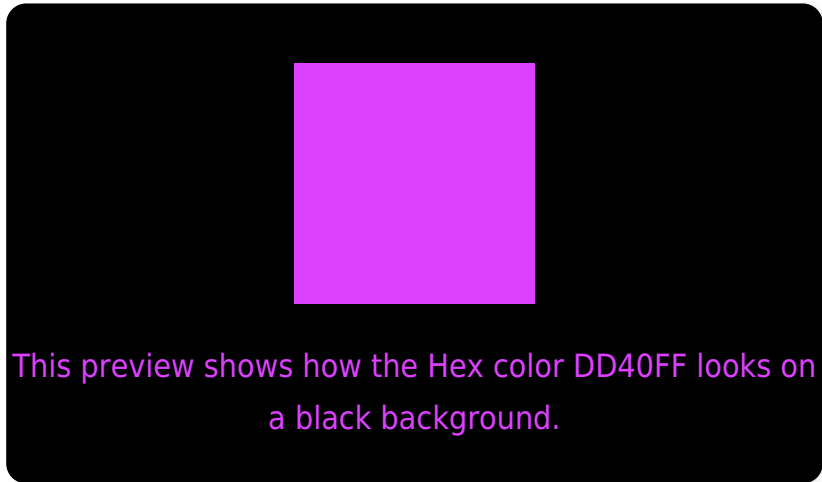
Large Text (above 18pt) WCAG AA ✓ Pass

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

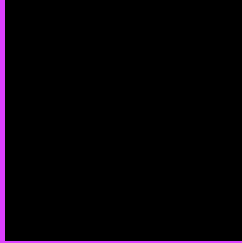
Any Text WCAG AA ✓ Pass

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 DD40FF Background



This preview shows how black text looks on a background with the Hex color DD40FF.



This preview shows how white text looks on a background with the Hex color DD40FF.

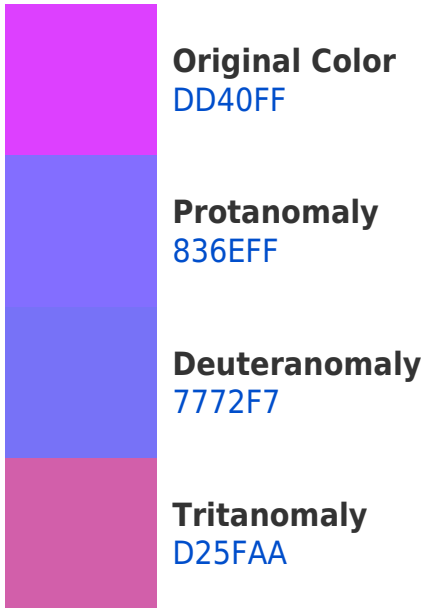
Color Blindness Simulation

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](#).

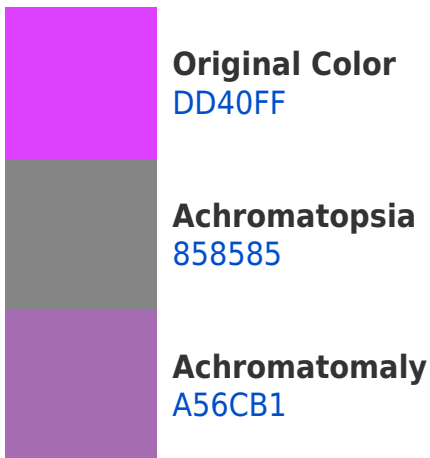
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DD40FF 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 #DD40FF looks like.

```
.text, #text, p{  
    color:#DD40FF  
}
```

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 #DD40FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD40FF
}
```

Border

The CSS property to change the border of an element to Hex DD40FF 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
#DD40FF }
```

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

```
.border{ border-color:#DD40FF }
```

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

Here you see how a box with a 4 pixel #DD40FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD40FF; -webkit-box-shadow:4px 4px  
4px 4px #DD40FF; box-shadow:4px 4px 4px  
4px #DD40FF }
```

Background

The CSS property to change the background color of an element to Hex DD40FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD40FF }
```

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

```
.background{ background-color:#DD40FF }
```

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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