

Converting Colors

Hex(D041FF)

Have a look what the booklet for
Hex(D041FF) contains.

Hex(D041FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D041FF)

Conversions

Conversions Part 1

Format	Color
Hex	D041FF
RGB	208, 65, 255
RGB Percent	82%, 25%, 100%
CMY	0.1843, 0.7451, 0.0000
CMYK	0.18, 0.75, 0.00, 0.00
HSL	285°, 100%, 63%
HSV	285°, 75%, 100%
XYZ	45.9527, 24.4105, 96.8975
YIQ	129.4170, 24.2380, 89.4060

Conversions

Conversions Part 2

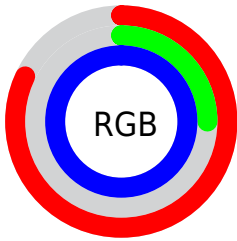
Format	Color
R _Y B	208, 65, 255
Decimal	13648383
CIE Lab	56.50, 79.94, -67.38
CIE LCh	56, 104.552, 319.874
Yxy	24.4105, 0.2747, 0.1459
Android (android.graphics.Color)	4291838463 (0xFFD041FF)
YUV	129.4170, 61.9124, 68.9173
Hunter-Lab	49.4070, 79.5581, -81.6953

Details

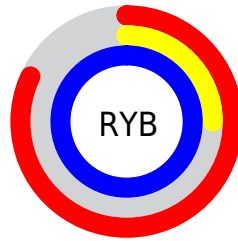
The Hex color **D041FF** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **70FF41**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF7EFF**, and **9400C5** is the 20% darker color. If you saturate the color by 10%, you get **CA27FF**, and if you desaturate by 10%, it is **D65AFF**.

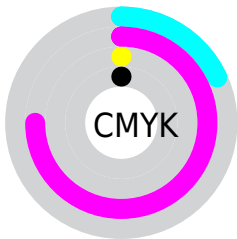
Distribution



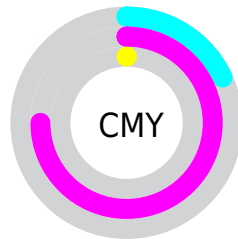
- Red (82%)
- Green (25%)
- Blue (100%)



- Red (82%)
- Yellow (25%)
- Blue (100%)



- Cyan (18%)
- Magenta (75%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (75%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color D041FF 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 D041FF by changing the saturation by 10% instead.

 D041FF

 D041FF

FFFFFF

 B219E2

 FF7EFF

 9400C5

 FF9BFF

 7700A9

 FFB9FF

 5A008E

 FFD6FF

 3B0073

 FFF4FF

 1C005A

 000041

 00032A

 000114

 D041FF

 D041FF

 CA27FF

 D65AFF

 C30EFF

 DD74FF

 C000FF

 E38EFF

 E9A7FF

 F0C1FF

 F6DAFF

 FCF3FF

FFFFFF

Harmonies

Analogous

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



007EFF



D041FF



FF00AA

Triad

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



D041FF



BE7900



00ABC4

Complementary

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



D041FF



70FF41

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.



00A964



D041FF



6B9500

Square

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



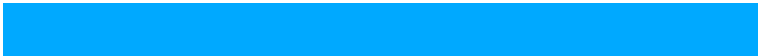
D041FF



FC4200



00A300



00A9FF

Rectangle

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



D041FF



FF006E



00A300



00ABA5

Sweetspot

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



D041FF



F1C7FF



4171FF



775E80



000000



808080

Same Dimension

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



D041FF



C71CFF



FF41D0



7C7380



9000BF



300040

Inverse Universe

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



FF4170



FF1C54



41FF71



807376



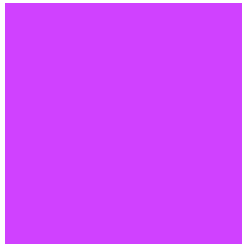
BF002F



400010

Previews

White Background



This preview shows how the Hex color D041FF looks on a white background.

Color Contrast Check

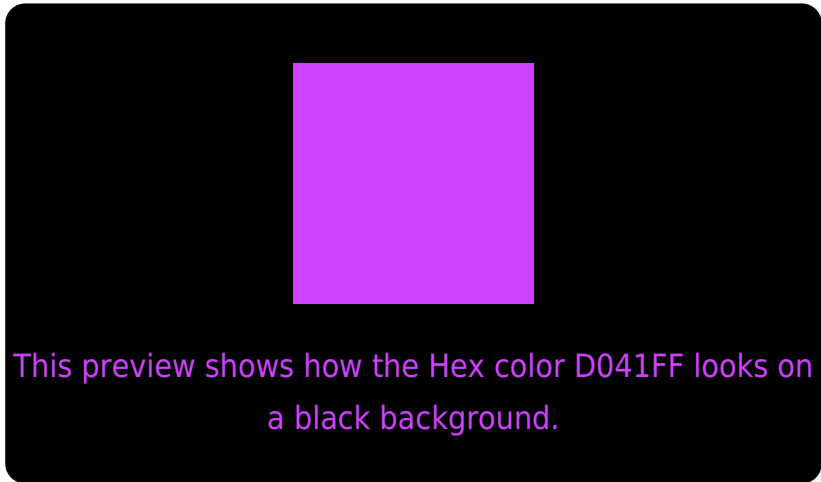
Large Text (above 18pt) WCAG AA ✓ Pass

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

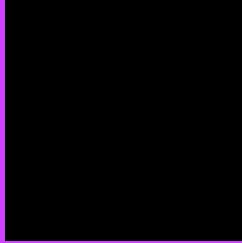
Any Text WCAG AA ✓ Pass

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 D041FF Background



This preview shows how black text looks on a background with the Hex color D041FF.

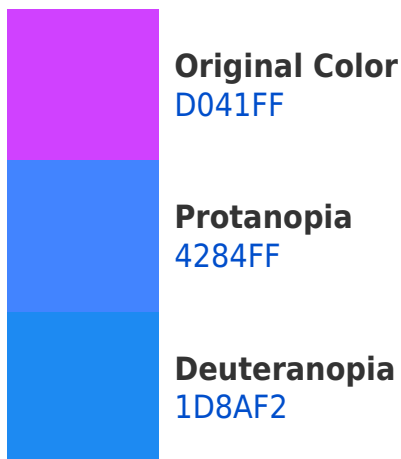


This preview shows how white text looks on a background with the Hex color D041FF.

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](#).

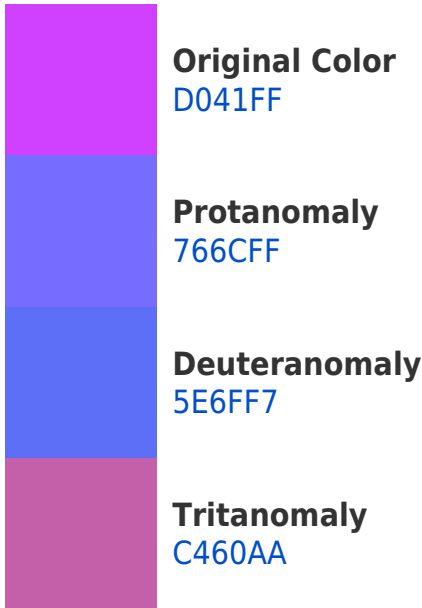
Dichromacy



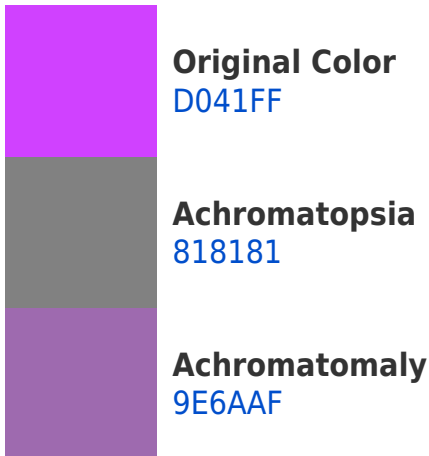


Tritanopia
BD727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D041FF 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 #D041FF looks like.

```
.text, #text, p{  
    color:#D041FF  
}
```

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 #D041FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D041FF
}
```

Border

The CSS property to change the border of an element to Hex D041FF 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
#D041FF }
```

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

```
.border{ border-color:#D041FF }
```

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

Here you see how a box with a 4 pixel #D041FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D041FF; -webkit-box-shadow:4px 4px  
4px 4px #D041FF; box-shadow:4px 4px 4px  
4px #D041FF }
```

Background

The CSS property to change the background color of an element to Hex D041FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D041FF }
```

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

```
.background{ background-color:#D041FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor