

# Converting Colors

Hex(D242FF)

Have a look what the booklet for  
Hex(D242FF) contains.

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**Color**

**Hex(D242FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D242FF
RGB	210, 66, 255
RGB Percent	82%, 26%, 100%
CMY	0.1765, 0.7412, 0.0000
CMYK	0.18, 0.74, 0.00, 0.00
HSL	286°, 100%, 63%
HSV	286°, 74%, 100%
XYZ	46.5766, 24.8181, 96.9433
YIQ	130.6020, 25.1550, 89.3070

# Conversions

## Conversions Part 2

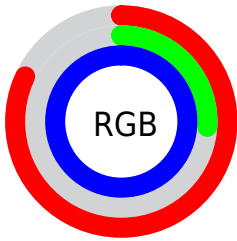
Format	Color
R <sub>Y</sub> B	210, 66, 255
Decimal	13779711
CIE Lab	56.90, 79.98, -66.72
CIE LCh	57, 104.157, 320.166
Yxy	24.8181, 0.2767, 0.1474
Android (android.graphics.Color)	4291969791 (0xFFD242FF)
YUV	130.6020, 61.3282, 69.6320
Hunter-Lab	49.8177, 79.7056, -80.5035

# Details

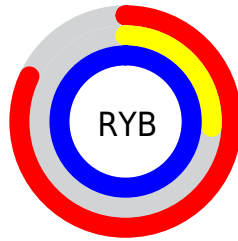
The Hex color **D242FF** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **6FFF42**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF7FFF**, and **9600C5** is the 20% darker color. If you saturate the color by 10%, you get **CC28FF**, and if you desaturate by 10%, it is **D85BFF**.

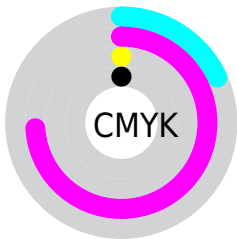
# Distribution



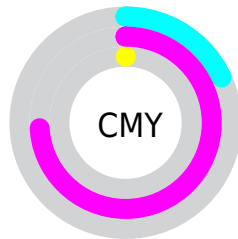
- Red (82%)
- Green (26%)
- Blue (100%)



- Red (82%)
- Yellow (26%)
- Blue (100%)



- Cyan (18%)
- Magenta (74%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (74%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D242FF 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 D242FF by changing the saturation by 10% instead.



 D242FF

 D242FF

FFFFFF

 B41AE2

 FF7FFF

 9600C5

 FF9CFF

 7900A9

 FFBAFF

 5C008E

 FFD7FF

 3E0074

 FFF6FF

 1F005A

 000041

 00032A

 000114

 D242FF

 D242FF

 CC28FF

 D85BFF

 C60FFF

 DE75FF

 C200FF

 E48FFF

 EAA8FF

 F0C2FF

 F6DBFF

 FDF4FF

FFFFFF

# Harmonies

## Analogous

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



007FFF



D242FF



FF00AB

# Triad

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



D242FF



BF7A00



00ACC5

# Complementary

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



D242FF



6FFF42

# 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.



00AA66



D242FF



6C9600

# Square

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



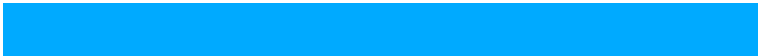
D242FF



FC4500



00A400



00A0FF

# Rectangle

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



D242FF



FF006F



00A400



00ACA6



# Sweetspot

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



D242FF



F2C7FF



4271FF



785E80



000000



808080



# Same Dimension

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



D242FF



C91CFF



FF42D0



7C7380



9200BF



310040



# Inverse Universe

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



FF426F



FF1C52



42FF71



807376



BF002E

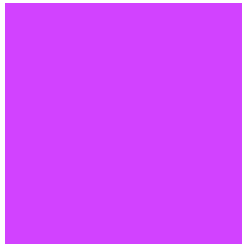


40000F



# Previews

## White Background



This preview shows how the Hex color D242FF 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

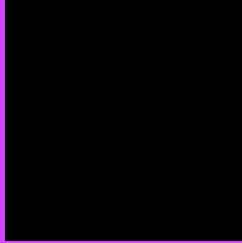
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D242FF Background



This preview shows how black text looks on a background with the Hex color D242FF.

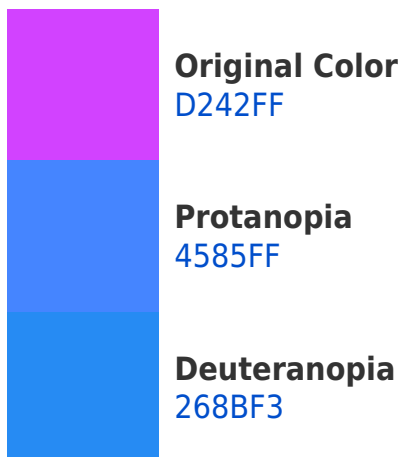


This preview shows how white text looks on a background with the Hex color D242FF.

# 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**  
BF727B

# Trichromacy



**Original Color**  
D242FF



**Protanomaly**  
786DFF



**Deuteranomaly**  
6570F7



**Tritanomaly**  
C661AB

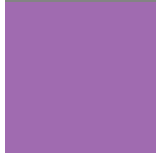
# Monochromacy



**Original Color**  
D242FF



**Achromatopsia**  
838383



**Achromatomaly**  
A06BB0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D242FF 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 #D242FF looks like.

```
.text, #text, p{  
    color:#D242FF  
}
```

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 #D242FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D242FF
}
```

## Border

The CSS property to change the border of an element to Hex D242FF 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".

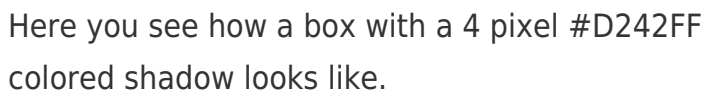
```
.border, #border, table{ border:4px solid
#D242FF }
```

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

```
.border{ border-color:#D242FF }
```

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

Here you see how a box with a 4 pixel #D242FF colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D242FF; -webkit-box-shadow:4px 4px  
4px 4px #D242FF; box-shadow:4px 4px 4px  
4px #D242FF }
```

# Background

The CSS property to change the background color of an element to Hex D242FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D242FF }
```

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

```
.background{ background-color:#D242FF }
```

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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