

# Converting Colors

Hex(DF41CF)

Have a look what the booklet for  
Hex(DF41CF) contains.

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# Color

Hex(DF41CF)

# Conversions

## Conversions Part 1

Format	Color
Hex	DF41CF
RGB	223, 65, 207
RGB Percent	87%, 25%, 81%
CMY	0.1255, 0.7451, 0.1882
CMYK	0.00, 0.71, 0.07, 0.13
HSL	306°, 71%, 56%
HSV	306°, 71%, 87%
XYZ	43.5842, 23.9736, 61.3617
YIQ	128.4300, 48.5860, 77.6580

# Conversions

## Conversions Part 2

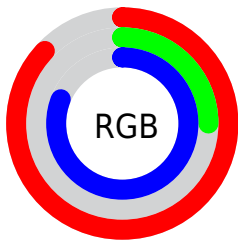
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	223, 65, 207
Decimal	14631375
CIE <sub>Lab</sub>	56.06, 74.96, -40.96
CIE <sub>LCh</sub>	56, 85.417, 331.349
Yxy	23.9736, 0.3381, 0.1860
Android (android.graphics.Color)	4292821455 (0xFFDF41CF)
YUV	128.4300, 38.7350, 82.9379
Hunter-Lab	48.9628, 73.2067, -40.0301

# Details

The Hex color **DF41CF** 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 **41DF51**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF7EFF**, and **A40098** is the 20% darker color. If you saturate the color by 10%, you get **DF2BCD**, and if you desaturate by 10%, it is **DF57D1**.

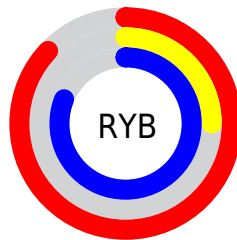
# Distribution



Red (87%)

Green (25%)

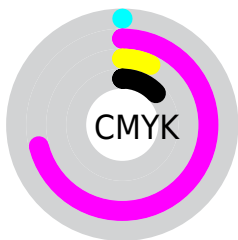
Blue (81%)



Red (87%)

Yellow (25%)

Blue (81%)

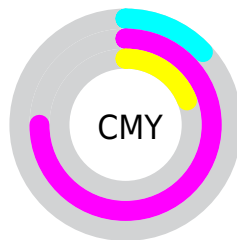


Cyan (0%)

Magenta (71%)

Yellow (7%)

Black (13%)



Cyan (13%)

Magenta (75%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF41CF 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 DF41CF by changing the saturation by 10% instead.



 DF41CF

 DF41CF

FFFFFF

 C119B3

 FF7EFF

 A40098

 FF9BFF

 87007E

 FFB9FF

 6B0064

 FFD6FF

 4F004C

 FFF4FF

 340034

 11001E

 000000

 DF41CF

 DF41CF

 DF2BCD

 DF57D1

 DF14CA

 DF6ED4

 DF00C8

 DF84D6

 DF9AD8

 DFB1DA

 DFC7DD

 DFDDDF

 DFF3E1

 DFFFE3

# Harmonies

## Analogous

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



7F70FF



DF41CF



FF0886

# Triad

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



DF41CF



A08500



00A5D2

# Complementary

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



DF41CF



41DF51

# 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.



00A588



DF41CF



539700

# Square

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



DF41CF



D96500



00A138



00A0FF

# Rectangle

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



DF41CF



FF2356



00A138



00A6BB



# Sweetspot

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



DF41CF



FFC9FA



5141DF



80607C



000000



808080



# Same Dimension

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



DF41CF



FF26E9



DF4180



70656F



B0009E



30002C



# Inverse Universe

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



DF41CF



FF26E9



41DFA0



70656F



B0009E



30002C



# Previews

## White Background



This preview shows how the Hex color DF41CF looks on a white background.

## Color Contrast Check

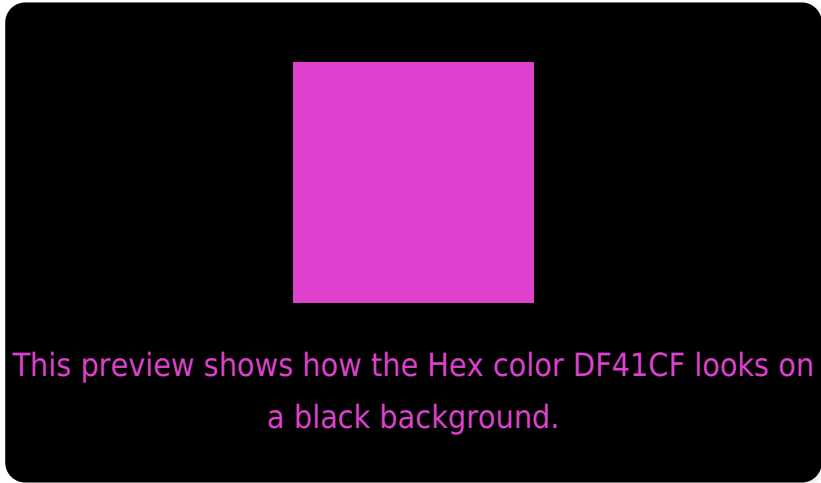
Large Text (above 18pt) WCAG AA ✓ Pass

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

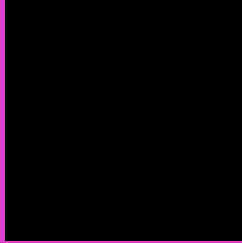
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex DF41CF Background



This preview shows how black text looks on a background with the Hex color DF41CF.

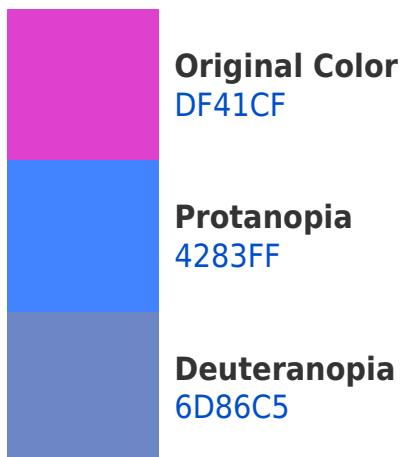



This preview shows how white text looks on a background with the Hex color DF41CF.

# 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](#).

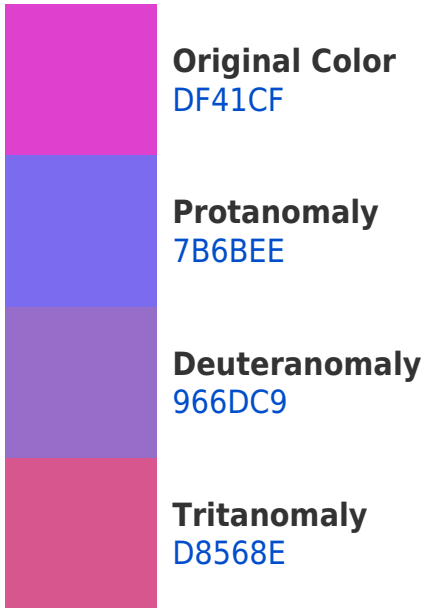
## Dichromacy





**Tritanopia**  
D46269

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF41CF 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 #DF41CF looks like.

```
.text, #text, p{  
    color:#DF41CF  
}
```

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 #DF41CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF41CF
}
```

## Border

The CSS property to change the border of an element to Hex DF41CF 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
#DF41CF }
```

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

```
.border{ border-color:#DF41CF }
```

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

Here you see how a box with a 4 pixel #DF41CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF41CF; -webkit-box-shadow:4px 4px  
4px 4px #DF41CF; box-shadow:4px 4px 4px  
4px #DF41CF }
```

# Background

The CSS property to change the background color of an element to Hex DF41CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF41CF }
```

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

```
.background{ background-color:#DF41CF }
```

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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