

# Converting Colors

Hex(DF47CD)

Have a look what the booklet for  
Hex(DF47CD) contains.

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# Color

Hex(**DF47CD**)

# Conversions

## Conversions Part 1

Format	Color
Hex	DF47CD
RGB	223, 71, 205
RGB Percent	87%, 28%, 80%
CMY	0.1255, 0.7216, 0.1961
CMYK	0.00, 0.68, 0.08, 0.13
HSL	307°, 70%, 58%
HSV	307°, 68%, 87%
XYZ	43.7041, 24.6022, 60.2029
YIQ	131.7240, 47.5780, 73.8980

# Conversions

## Conversions Part 2

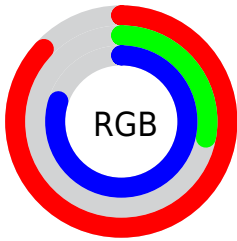
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	223, 71, 205
Decimal	14632909
CIE <sub>Lab</sub>	56.69, 72.62, -38.83
CIE <sub>LCh</sub>	57, 82.351, 331.865
Yxy	24.6022, 0.3401, 0.1914
Android (android.graphics.Color)	4292822989 (0xFFDF47CD)
YUV	131.7240, 36.1251, 80.0491
Hunter-Lab	49.6006, 70.4788, -37.2429

# Details

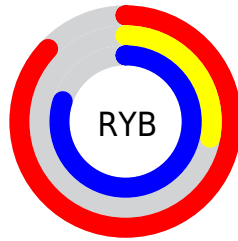
The Hex color **DF47CD** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **47DF59**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF83FF**, and **A40096** is the 20% darker color. If you saturate the color by 10%, you get **DF31CA**, and if you desaturate by 10%, it is **DF5DD0**.

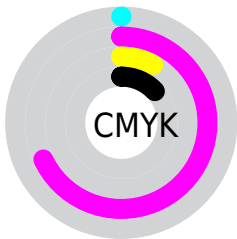
# Distribution



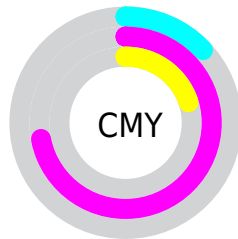
- Red (87%)
- Green (28%)
- Blue (80%)



- Red (87%)
- Yellow (28%)
- Blue (80%)



- Cyan (0%)
- Magenta (68%)
- Yellow (8%)
- Black (13%)



- Cyan (13%)
- Magenta (72%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF47CD 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 DF47CD by changing the saturation by 10% instead.



 DF47CD

 DF47CD

FFFFFF

 C123B1

 FF83FF

 A40096

 FFA0FF

 87007C

 FFBDFE

 6B0063

 FFDBFF

 4F004A

 FFF8FF

 350033

 13001D

 000000

 DF47CD

 DF47CD

 DF31CA

 DF5DD0

 DF1AC8

 DF74D2

 DF04C5

 DF8AD5

 DF00C5

 DFA0D8

 DFB7DA

 DFCDDD

 DFE3DF

 DFF9E2

 DFFF E5

# Harmonies

## Analogous

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



8572FF



DF47CD



FF2287

# Triad

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



DF47CD



A18700



00A6D2

# Complementary

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



DF47CD



47DF59

# 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.



00A68B



DF47CD



579900

# Square

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



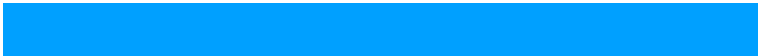
DF47CD



D86900



00A23E



00A0FF

# Rectangle

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



DF47CD



FF3158



00A23E



00A7BC



# Sweetspot

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



DF47CD



FFCCF9



5947DF



80617C



000000



808080



# Same Dimension

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



DF47CD



FF2EE6



DF4781



70656F



B0009B



30002B



# Inverse Universe

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



DF47CD



FF2EE6



47DFA5



70656F



B0009B



30002B



# Previews

## White Background



This preview shows how the Hex color DF47CD 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 DF47CD Background



This preview shows how black text looks on a background with the Hex color DF47CD.

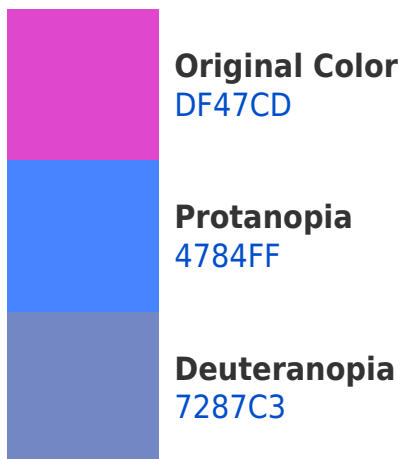



This preview shows how white text looks on a background with the Hex color DF47CD.

# 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**  
D5656C

# Trichromacy



**Original Color**  
DF47CD



**Protanomaly**  
7E6EED



**Deuteranomaly**  
9A70C7



**Tritanomaly**  
D95A8F

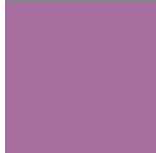
# Monochromacy



**Original Color**  
DF47CD



**Achromatopsia**  
848484



**Achromatomaly**  
A56E9F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF47CD 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 #DF47CD looks like.

```
.text, #text, p{  
    color:#DF47CD  
}
```

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 #DF47CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF47CD
}
```

## Border

The CSS property to change the border of an element to Hex DF47CD 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
#DF47CD }
```

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

```
.border{ border-color:#DF47CD }
```

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

Here you see how a box with a 4 pixel #DF47CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF47CD; -webkit-box-shadow:4px 4px  
4px 4px #DF47CD; box-shadow:4px 4px 4px  
4px #DF47CD }
```

# Background

The CSS property to change the background color of an element to Hex DF47CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF47CD }
```

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

```
.background{ background-color:#DF47CD }
```

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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