

# Converting Colors

Hex(DF13BC)

Have a look what the booklet for  
Hex(DF13BC) contains.

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**Color**

**Hex(DF13BC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DF13BC
RGB	223, 19, 188
RGB Percent	87%, 7%, 74%
CMY	0.1255, 0.9255, 0.2627
CMYK	0.00, 0.91, 0.16, 0.13
HSL	310°, 84%, 47%
HSV	310°, 91%, 87%
XYZ	39.7414, 19.7846, 49.3011
YIQ	99.2620, 67.3350, 95.8070

# Conversions

## Conversions Part 2

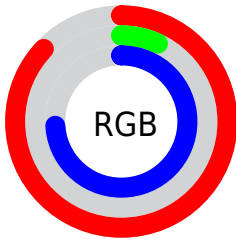
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	223, 19, 188
Decimal	14619580
CIE <sub>Lab</sub>	51.59, 82.54, -37.04
CIE <sub>LCh</sub>	52, 90.467, 335.832
Yxy	19.7846, 0.3652, 0.1818
Android (android.graphics.Color)	4292809660 (0xFFDF13BC)
YUV	99.2620, 43.7478, 108.5182
Hunter-Lab	44.4798, 81.6447, -34.5807

# Details

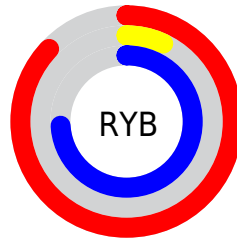
The Hex color **DF13BC** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **13DF36**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF64F5**, and **A30086** is the 20% darker color. If you saturate the color by 10%, you get **DF00B9**, and if you desaturate by 10%, it is **DF29C0**.

# Distribution



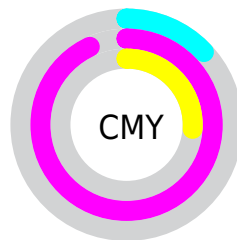
- Red (87%)
- Green (7%)
- Blue (74%)



- Red (87%)
- Yellow (7%)
- Blue (74%)



- Cyan (0%)
- Magenta (91%)
- Yellow (16%)
- Black (13%)



- Cyan (13%)
- Magenta (93%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF13BC 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 DF13BC by changing the saturation by 10% instead.



 DF13BC

 DF13BC

FFFFFF

 C100A1

 FF64F5

 A30086

 FF83FF

 85006C

 FFA1FF

 680054

 FF8FFF

 4D003C

 FFDEFF

 300025

 FFFCFF

 02000D

 000000

 DF13BC

 DF13BC

 DF00B9

 DF29C0

 DF40C4

 DF56C7

 DF6CCB

 DF83CF

 DF99D3

 DFAFD7

 DFC5DB

 DFDCDE

# Harmonies

## Analogous

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



865DFB



DF13BC



FD0070

# Triad

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



DF13BC



897D00



009AD5

# Complementary

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



DF13BC



13DF36

# 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.



009A89



DF13BC



2B8E00

# Square

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



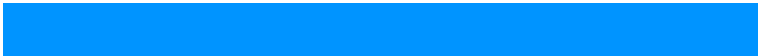
DF13BC



C65D00



009635



0094FF

# Rectangle

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



DF13BC



F8003E



009635



009ABD



# Sweetspot

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



DF13BC



FFBAF3



3513DF



805778



000000



808080



# Same Dimension

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



DF13BC



FF00D3



DF1357



70656E



B00092



300028



# Inverse Universe

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



DF13BC



FF00D3



13DF9B



70656E



B00092



300028



# Previews

## White Background



This preview shows how the Hex color DF13BC looks on a white background.

## Color Contrast Check

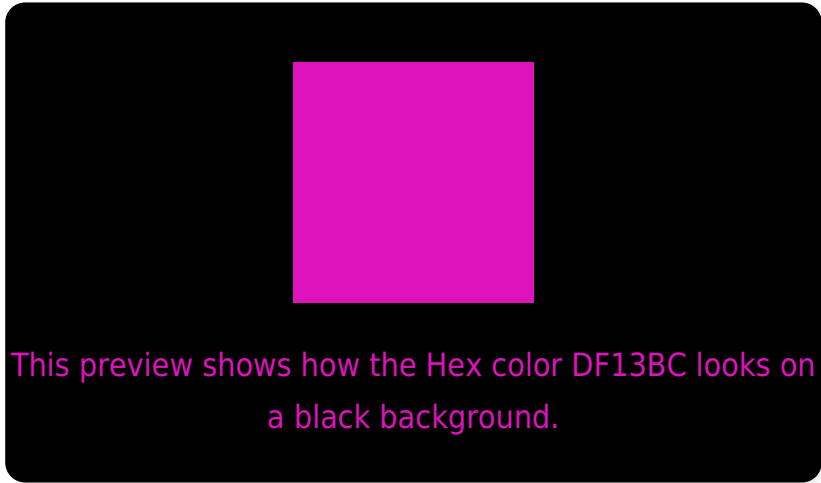
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF13BC Background



This preview shows how black text looks on a background with the Hex color DF13BC.



This preview shows how white text looks on a background with the Hex color DF13BC.

# 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



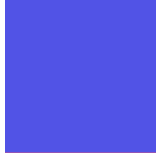


**Tritanopia**  
D54B50

# Trichromacy



**Original Color**  
DF13BC



**Protanomaly**  
5153E6



**Deuteranomaly**  
9355B4



**Tritanomaly**  
D93777

# Monochromacy



**Original Color**  
DF13BC



**Achromatopsia**  
636363



**Achromatomaly**  
904683

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF13BC 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 #DF13BC looks like.

```
.text, #text, p{  
    color:#DF13BC  
}
```

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 #DF13BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF13BC
}
```

## Border

The CSS property to change the border of an element to Hex DF13BC 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
#DF13BC }
```

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

```
.border{ border-color:#DF13BC }
```

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

Here you see how a box with a 4 pixel #DF13BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF13BC; -webkit-box-shadow:4px 4px  
4px 4px #DF13BC; box-shadow:4px 4px 4px  
4px #DF13BC }
```

# Background

The CSS property to change the background color of an element to Hex DF13BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF13BC }
```

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

```
.background{ background-color:#DF13BC }
```

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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