

# Converting Colors

Hex(FF13DB)

Have a look what the booklet for  
Hex(FF13DB) contains.

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**Color**

**Hex(FF13DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF13DB
RGB	255, 19, 219
RGB Percent	100%, 7%, 86%
CMY	0.0000, 0.9255, 0.1412
CMYK	0.00, 0.93, 0.14, 0.00
HSL	309°, 100%, 54%
HSV	309°, 93%, 100%
XYZ	54.2591, 26.8402, 69.3387
YIQ	112.3640, 76.4560, 112.2320

# Conversions

## Conversions Part 2

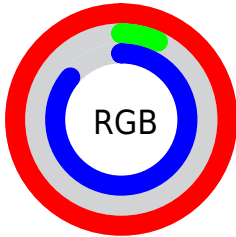
Format	Color
R <sub>Y</sub> B	255, 19, 219
Decimal	16716763
CIE Lab	58.83, 92.25, -43.06
CIE LCh	59, 101.804, 334.979
Yxy	26.8402, 0.3607, 0.1784
Android (android.graphics.Color)	4294906843 (0xFFFF13DB)
YUV	112.3640, 52.5715, 125.0918
Hunter-Lab	51.8075, 96.2833, -43.0879

# Details

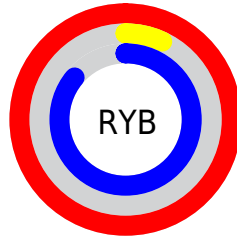
The Hex color **FF13DB** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **13FF37**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF6BFF**, and **C100A3** is the 20% darker color. If you saturate the color by 10%, you get **FF00D8**, and if you desaturate by 10%, it is **FF2DDF**.

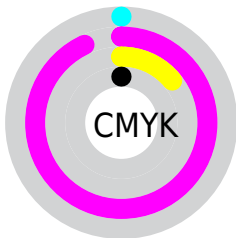
# Distribution



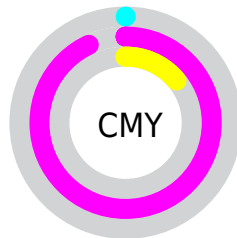
- Red (100%)
- Green (7%)
- Blue (86%)



- Red (100%)
- Yellow (7%)
- Blue (86%)



- Cyan (0%)
- Magenta (93%)
- Yellow (14%)
- Black (0%)



- Cyan (0%)
- Magenta (93%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF13DB 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 FF13DB by changing the saturation by 10% instead.



 FF13DB

 FF13DB

FFFFFF

 E000BF

 FF6BFF

 C100A3

 FF8CFF

 A30089

 FFABFF

 85006F

 FFCAFF

 670056

 FFE9FF

 4C003E

 2D0027

 00000F

 000000

 FF13DB

 FF13DB

 FF00D8

 FF2DDF

 FF46E3

 FF60E7

 FF79EB

 FF93EE

 FFACF2

 FFC6F6

 FFDFFA

 FFF9FE

# Harmonies

## Analogous

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



956CFF



FF13DB



FF0083

# Triad

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



FF13DB



9F8F00



00B1F3

# Complementary

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



FF13DB



13FF37

# 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.



00B19B



FF13DB



35A300

# Square

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



FF13DB



E66A00



00AD3A



00AAFF

# Rectangle

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



FF13DB



FF0049



00AD3A



00B1D7



# Sweetspot

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



FF13DB



FFB8F4



3613FF



805479



000000



808080



# Same Dimension

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



FF13DB



FF00D8



FF1366



80737E



BF00A2



400036



# Inverse Universe

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



FF13DB



FF00D8



13FFAC



80737E



BF00A2



400036



# Previews

## White Background



This preview shows how the Hex color FF13DB looks on a white background.

## Color Contrast Check

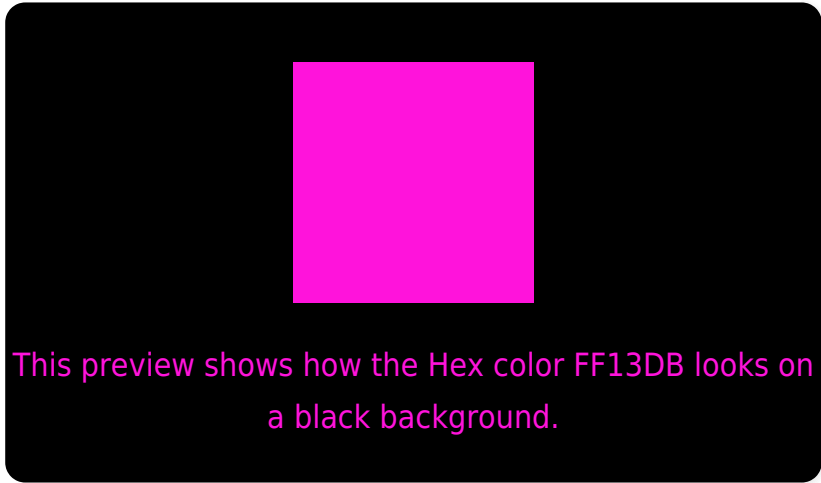
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF13DB Background



This preview shows how black text looks on a background with the Hex color FF13DB.



This preview shows how white text looks on a background with the Hex color FF13DB.

# 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**  
F4575D

# Trichromacy



**Original Color**  
FF13DB



**Protanomaly**  
925FF2



**Deuteranomaly**  
A761D3



**Tritanomaly**  
F83E8B

# Monochromacy



**Original Color**  
FF13DB



**Achromatopsia**  
707070



**Achromatomaly**  
A44E97

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF13DB 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 #FF13DB looks like.

```
.text, #text, p{  
  color:#FF13DB  
}
```

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 #FF13DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF13DB
}
```

## Border

The CSS property to change the border of an element to Hex FF13DB 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
#FF13DB }
```

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

```
.border{ border-color:#FF13DB }
```

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

Here you see how a box with a 4 pixel #FF13DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF13DB; -webkit-box-shadow:4px 4px  
4px 4px #FF13DB; box-shadow:4px 4px 4px  
4px #FF13DB }
```

# Background

The CSS property to change the background color of an element to Hex FF13DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF13DB }
```

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

```
.background{ background-color:#FF13DB }
```

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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