

Converting Colors

Hex(FF18DC)

Have a look what the booklet for
Hex(FF18DC) contains.

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Color

Hex(FF18DC)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FF18DC |
| RGB | 255, 24, 220 |
| RGB Percent | 100%, 9%, 86% |
| CMY | 0.0000, 0.9059, 0.1373 |
| CMYK | 0.00, 0.91, 0.14, 0.00 |
| HSL | 309°, 100%, 55% |
| HSV | 309°, 91%, 100% |
| XYZ | 54.4849, 27.0806, 70.0655 |
| YIQ | 115.4130, 74.7600, 109.9280 |

Conversions

Conversions Part 2

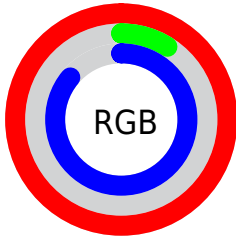
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 255, 24, 220 |
| Decimal | 16718044 |
| CIELab | 59.05, 91.87, -43.27 |
| CIElCh | 59, 101.547, 334.777 |
| Yxy | 27.0806, 0.3593, 0.1786 |
| Android (android.graphics.Color) | 4294908124 (0xFFFF18DC) |
| YUV | 115.4130, 51.5614, 122.4178 |
| Hunter-Lab | 52.0390, 95.8215, -43.4010 |

Details

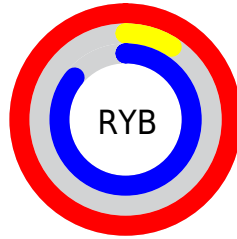
The Hex color **FF18DC** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **18FF3B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF6DFF**, and **C100A4** is the 20% darker color. If you saturate the color by 10%, you get **FF00D8**, and if you desaturate by 10%, it is **FF31E0**.

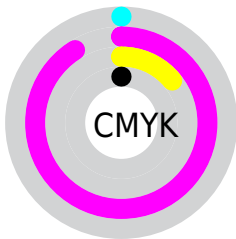
Distribution



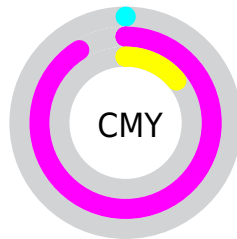
- Red (100%)
- Green (9%)
- Blue (86%)



- Red (100%)
- Yellow (9%)
- Blue (86%)



- Cyan (0%)
- Magenta (91%)
- Yellow (14%)
- Black (0%)



- Cyan (0%)
- Magenta (91%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF18DC 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 FF18DC by changing the saturation by 10% instead.

 FF18DC

 FF18DC

FFFFFF

 E000C0

 FF6DFF

 C100A4

 FF8DFF

 A3008A

 FFACFF

 850070

 FFCBFF

 680057

 FFE AFF

 4C003F

 2D0028

 000010

 000000

 FF18DC

 FF18DC

 FF00D8

 FF31E0

 FF4BE4

 FF64E8

 FF7EEB

 FF97EF

 FFB1F3

 FFCBF7

 FFE4FB

 FFFDFF

Harmonies

Analogous

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



946DFF



FF18DC



FF0084

Triad

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



FF18DC



A09000



00B2F3

Complementary

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



FF18DC



18FF3B

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



FF18DC



37A400

Square

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



FF18DC



E76A00



00AD3A



00ABFF

Rectangle

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



FF18DC



FF004A



00AD3A



00B2D7

Sweetspot

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



FF18DC



FFBAF5



3B18FF



805779



000000



808080

Same Dimension

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



FF18DC



FF00D8



FF1869



80737E



BF00A2



400036

Inverse Universe

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



FF18DC



FF00D8



18FFAE



80737E



BF00A2



400036

Previews

White Background



This preview shows how the Hex color FF18DC looks on a white background.

Color Contrast Check

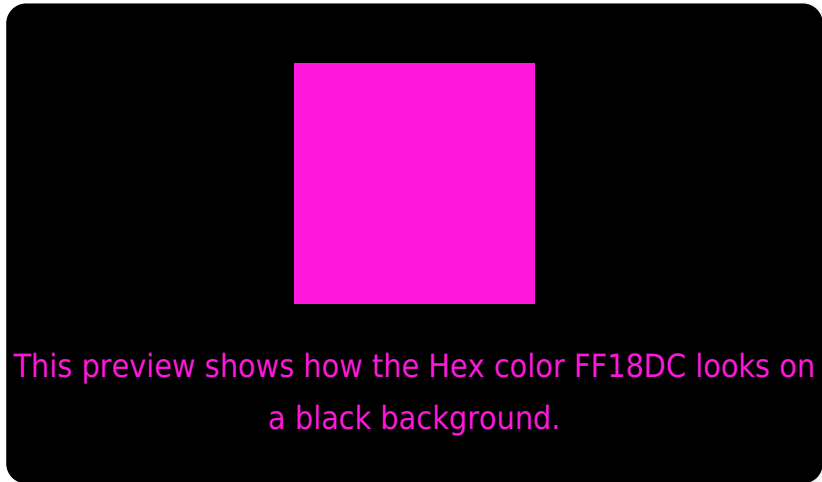
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF18DC Background



This preview shows how black text looks on a background with the Hex color FF18DC.



This preview shows how white text looks on a background with the Hex color FF18DC.

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



Original Color
FF18DC

Protanopia
558BFF

Deuteranopia
758DCF

Trichromacy



Original Color
FF18DC



Protanomaly
9361F2



Deuteranomaly
A762D4



Tritanomaly
F8418C

Monochromacy



Original Color
FF18DC



Achromatopsia
737373



Achromatomaly
A65299

CSS Examples

Text

The CSS property to change the color of the text to Hex FF18DC 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 #FF18DC looks like.

```
.text, #text, p{  
    color:#FF18DC  
}
```

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 #FF18DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF18DC }  
}
```

Border

The CSS property to change the border of an element to Hex FF18DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

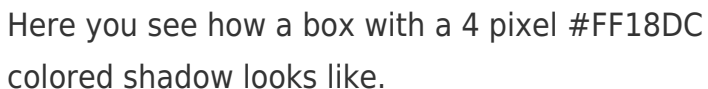
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #FF18DC }  
}
```

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

```
.border{ border-color:#FF18DC }
```

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



Here you see how a box with a 4 pixel #FF18DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF18DC; -webkit-box-shadow:4px 4px  
4px 4px #FF18DC; box-shadow:4px 4px 4px  
4px #FF18DC }
```

Background

The CSS property to change the background color of an element to Hex FF18DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF18DC }
```

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

```
.background{ background-color:#FF18DC }
```

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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