

# Converting Colors

Hex(DF18E7)

Have a look what the booklet for  
Hex(DF18E7) contains.

<b>Hex(DF18E7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(**DF18E7**)

# Conversions

## Conversions Part 1

Format	Color
Hex	DF18E7
RGB	223, 24, 231
RGB Percent	87%, 9%, 91%
CMY	0.1255, 0.9059, 0.0941
CMYK	0.03, 0.90, 0.00, 0.09
HSL	298°, 81%, 50%
HSV	298°, 90%, 91%
XYZ	45.1819, 22.1108, 77.4878
YIQ	107.0990, 52.1570, 106.5650

# Conversions

## Conversions Part 2

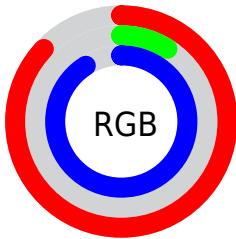
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	223, 24, 231
Decimal	14620903
CIE <sub>Lab</sub>	54.14, 87.88, -57.62
CIE <sub>LCh</sub>	54, 105.084, 326.746
Yxy	22.1108, 0.3121, 0.1527
Android (android.graphics.Color)	4292810983 (0xFFDF18E7)
YUV	107.0990, 61.0832, 101.6452
Hunter-Lab	47.0221, 89.2257, -64.7886

# Details

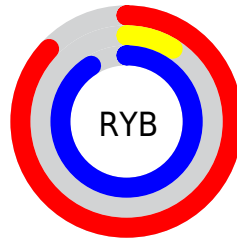
The Hex color **DF18E7** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **20E718**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF68FF**, and **A300AE** is the 20% darker color. If you saturate the color by 10%, you get **DE01E7**, and if you desaturate by 10%, it is **E02FE7**.

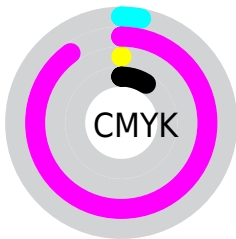
# Distribution



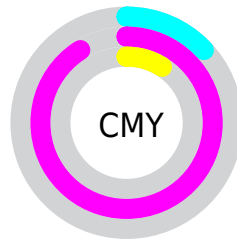
- Red (87%)
- Green (9%)
- Blue (91%)



- Red (87%)
- Yellow (9%)
- Blue (91%)



- Cyan (3%)
- Magenta (90%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (91%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF18E7 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 DF18E7 by changing the saturation by 10% instead.



 DF18E7

 DF18E7

FFFFFF

 C100CA

 FF68FF

 A300AE

 FF87FF

 850093

 FFA6FF


 680079

 FFC4FF

 4B005F

 FFE2FF

 2E0046

 08002F

 000119

 000000

 DF18E7

 DF18E7

 DE01E7

 E02FE7

 DE00E7

 E146E7

 E25DE7

 E374E7

 E38CE7

 E4A3E7

 E5BAE7

 E6D1E7

 E7E8E7

# Harmonies

## Analogous

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



396EFF



DF18E7



FF0090

# Triad

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



DF18E7



A67B00



00A5D2

# Complementary

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



DF18E7



20E718

# 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.



00A375



DF18E7



4A9300

# Square

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



DF18E7



E84B00



009E00



00A1FF

# Rectangle

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



DF18E7



FF0055



009E00



00A5B4



# Sweetspot

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



DF18E7



FCBAFF



1822E7



7E5780



000000



808080



# Same Dimension

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



DF18E7



F500FF



E7188A



726773



AC00B3



310033



# Inverse Universe

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



E71820



FF000A



18E775



736768



B30007



330002



# Previews

## White Background



This preview shows how the Hex color DF18E7 looks on a white background.

## Color Contrast Check

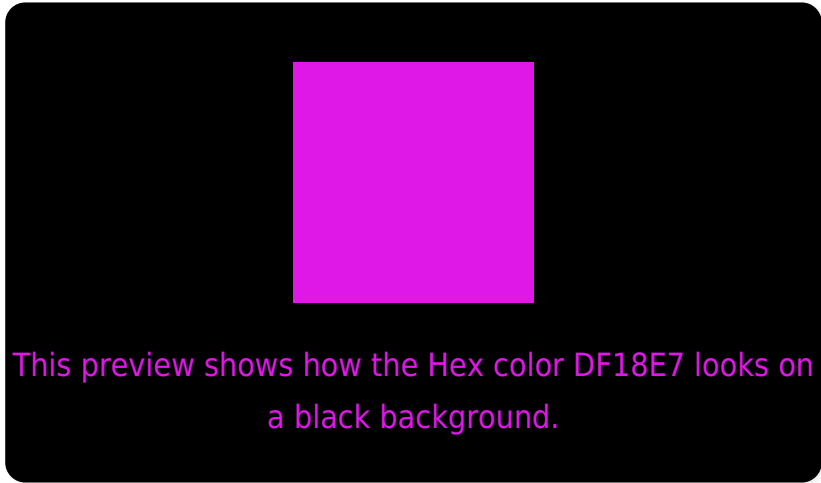
Large Text (above 18pt) WCAG AA ✓ Pass

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

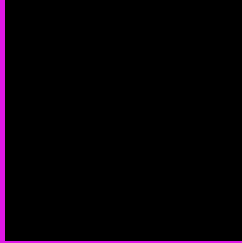
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex DF18E7 Background



This preview shows how black text looks on a background with the Hex color DF18E7.

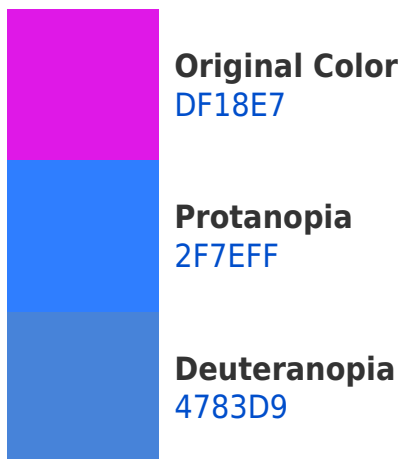



This preview shows how white text looks on a background with the Hex color DF18E7.

# 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**  
D05D63

# Trichromacy



**Original Color**  
DF18E7



**Protanomaly**  
6F59F6



**Deuteranomaly**  
7E5CDE



**Tritanomaly**  
D54493

# Monochromacy



**Original Color**  
DF18E7



**Achromatopsia**  
6B6B6B



**Achromatomaly**  
954D98

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF18E7 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 #DF18E7 looks like.

```
.text, #text, p{  
    color:#DF18E7  
}
```

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 #DF18E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF18E7
}
```

## Border

The CSS property to change the border of an element to Hex DF18E7 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
#DF18E7 }
```

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

```
.border{ border-color:#DF18E7 }
```

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

Here you see how a box with a 4 pixel #DF18E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF18E7; -webkit-box-shadow:4px 4px  
4px 4px #DF18E7; box-shadow:4px 4px 4px  
4px #DF18E7 }
```

# Background

The CSS property to change the background color of an element to Hex DF18E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF18E7 }
```

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

```
.background{ background-color:#DF18E7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor