

# Converting Colors

Hex(FF17DC)

Have a look what the booklet for  
Hex(FF17DC) contains.

<b>Hex(FF17DC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(FF17DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF17DC
RGB	255, 23, 220
RGB Percent	100%, 9%, 86%
CMY	0.0000, 0.9098, 0.1373
CMYK	0.00, 0.91, 0.14, 0.00
HSL	309°, 100%, 55%
HSV	309°, 91%, 100%
XYZ	54.4647, 27.0401, 70.0588
YIQ	114.8260, 75.0350, 110.4510

# Conversions

## Conversions Part 2

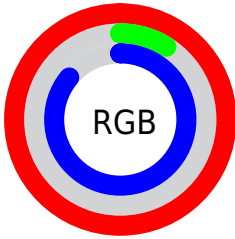
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 23, 220
Decimal	16717788
CIE <sub>Lab</sub>	59.01, 91.98, -43.33
CIE <sub>LCh</sub>	59, 101.672, 334.773
Yxy	27.0401, 0.3594, 0.1784
Android (android.graphics.Color)	4294907868 (0xFFFF17DC)
YUV	114.8260, 51.8508, 122.9326
Hunter-Lab	52.0001, 95.9599, -43.4803

# Details

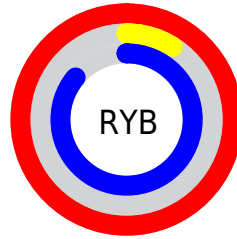
The Hex color **FF17DC** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **17FF3A**, and the grayscale version is **727272**.

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 **FF00D9**, and if you desaturate by 10%, it is **FF31E0**.

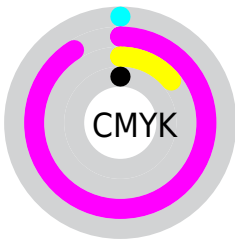
# Distribution



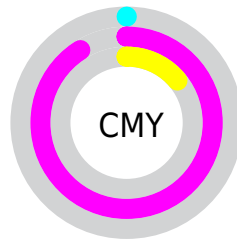
- Red (100%)
- Green (9%)
- Blue (86%)



- 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 FF17DC 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 FF17DC by changing the saturation by 10% instead.



 FF17DC

 FF17DC

FFFFFF

 E000C0

 FF6DFF

 C100A4

 FF8DFF

 A3008A

 FFACFF

 850070

 FFCBFF

 680057

 FFEAFF

 4C003F

 2D0028

 000010

 000000

 FF17DC

 FF17DC

 FF00D9

 FF31E0

 FF4AE4

 FF63E8

 FF7DEB

 FF96EF

 FFB0F3

 FFCAF7

 FFE3FB

 FFFCFF

# Harmonies

## Analogous

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



946DFF



FF17DC



FF0084

# Triad

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



FF17DC



A09000



00B2F3

# Complementary

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



FF17DC



17FF3A

# 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



FF17DC



37A400

# Square

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



FF17DC



E76A00



00AD39



00ABFF

# Rectangle

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



FF17DC



FF004A



00AD39



00B2D7



# Sweetspot

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



FF17DC



FFBAF5



3A17FF



805779



000000



808080



# Same Dimension

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



FF17DC



FF00D9



FF1768



80737E



BF00A2



400036



# Inverse Universe

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



FF17DC



FF00D9



17FFAE



80737E



BF00A2



400036



# Previews

## White Background



This preview shows how the Hex color FF17DC looks on a white background.

## Color Contrast Check

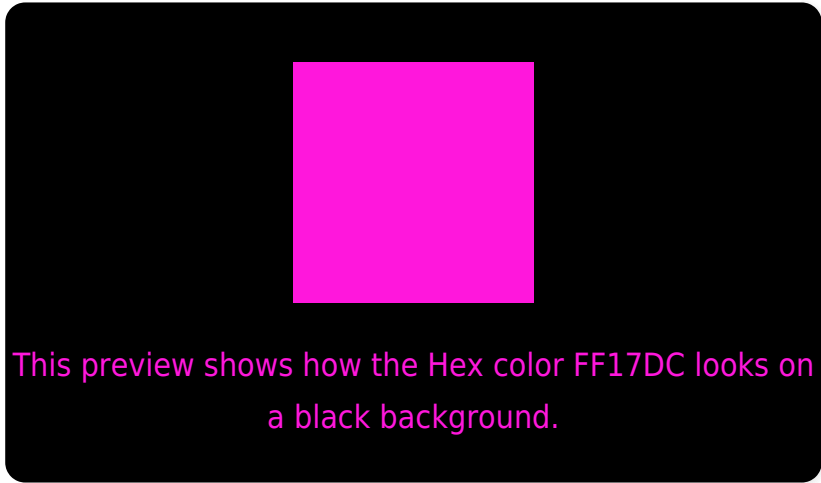
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF17DC Background



This preview shows how black text looks on a background with the Hex color FF17DC.

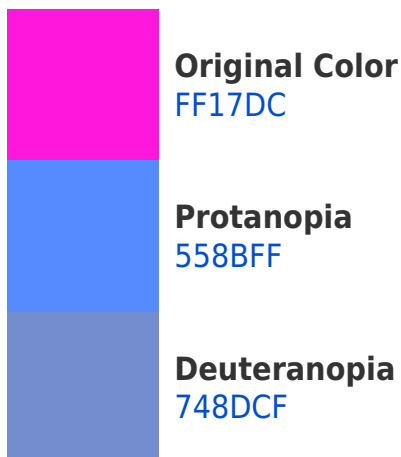


This preview shows how white text looks on a background with the Hex color FF17DC.

# 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

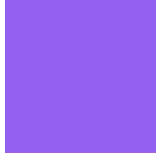




# Trichromacy



**Original Color**  
FF17DC



**Protanomaly**  
9361F2



**Deuteranomaly**  
A762D4



**Tritanomaly**  
F8408C

# Monochromacy



**Original Color**  
FF17DC



**Achromatopsia**  
737373



**Achromatomaly**  
A65299

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF17DC 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 #FF17DC looks like.

```
.text, #text, p{  
    color:#FF17DC  
}
```

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 #FF17DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF17DC
}
```

## Border

The CSS property to change the border of an element to Hex FF17DC 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
#FF17DC }
```

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

```
.border{ border-color:#FF17DC }
```

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

Here you see how a box with a 4 pixel #FF17DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF17DC; -webkit-box-shadow:4px 4px  
4px 4px #FF17DC; box-shadow:4px 4px 4px  
4px #FF17DC }
```

# Background

The CSS property to change the background color of an element to Hex FF17DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF17DC }
```

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

```
.background{ background-color:#FF17DC }
```

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