

Converting Colors

Hex(FD0047)

Have a look what the booklet for
Hex(FD0047) contains.

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Color

Hex(FD0047)

Conversions

Conversions Part 1

Format	Color
Hex	FD0047
RGB	253, 0, 71
RGB Percent	99%, 0%, 28%
CMY	0.0078, 1.0000, 0.7216
CMYK	0.00, 1.00, 0.72, 0.01
HSL	343°, 100%, 50%
HSV	343°, 100%, 99%
XYZ	41.6453, 21.3376, 7.8848
YIQ	83.7410, 127.9970, 75.7170

Conversions

Conversions Part 2

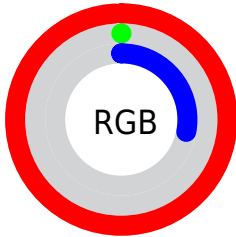
Format	Color
RYB	253, 0, 71
Decimal	16580679
CIELab	53.32, 80.98, 36.15
CIElCh	53, 88.685, 24.055
Yxy	21.3376, 0.5876, 0.3011
Android (android.graphics.Color)	4294770759 (0xFFFD0047)
YUV	83.7410, -6.2813, 148.4401
Hunter-Lab	46.1926, 80.0911, 22.2143

Details

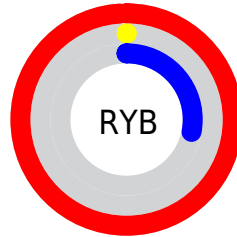
The Hex color **FD0047** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **00FDB6**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF6177**, and **BB001C** is the 20% darker color. If you saturate the color by 10%, you get **FD0047**, and if you desaturate by 10%, it is **FD1959**.

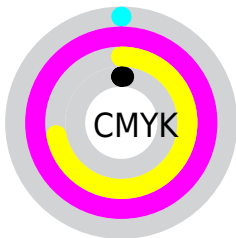
Distribution



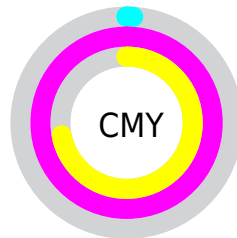
- Red (99%)
- Green (0%)
- Blue (28%)



- Red (99%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (72%)
- Black (1%)



- Cyan (1%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD0047 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 FD0047 by changing the saturation by 10% instead.

 FD0047

 FD0047

FFFFFF

 DC0031

 FF6177

 BB001C

 FF8191

 9B0006

 FFA0AB

 7A0002

 FFBE7

 5B0004

 FFDCE3

 3B0002

 FFFBFF

 140000

 000000

 FD0047

 FD1959

 FD336B

 FD4C7E

 FD6590

 FD7FA2

 FD98B4

 FDB1C6

 FDCAD9

 FDE4EB

Harmonies

Analogous

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



FA0092



FD0047



DE5100

Triad

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



FD0047



009811



008EFF

Complementary

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



FD0047



00FDB6

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.



009BFC



FD0047



009D6D

Square

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



FD0047



5F8D00



009FBC



4072FF

Rectangle

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



FD0047



BC6D00



009FBC



0094FF

Sweetspot

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



FD0047



FFB3C8



B500FD



80525E



000000



808080

Same Dimension

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



FD0047



FF0048



FD3700



807376



BF0036



400012

Inverse Universe

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



FD0047



FF0048



00C6FD



807376



BF0036



400012

Previews

White Background



This preview shows how the Hex color FD0047 looks on a white background.

Color Contrast Check

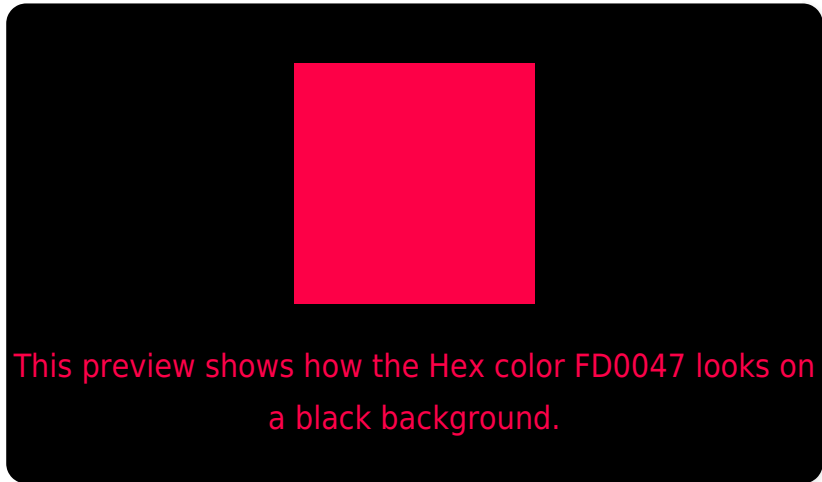
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD0047 Background



This preview shows how black text looks on a background with the Hex color FD0047.

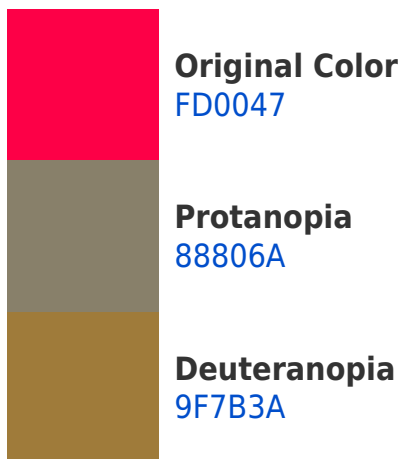


This preview shows how white text looks on a background with the Hex color FD0047.

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
FD0047



Protanomaly
B3515D



Deuteranomaly
C14E3F



Tritanomaly
FC1228

Monochromacy



Original Color
FD0047



Achromatopsia
545454



Achromatomaly
91354F

CSS Examples

Text

The CSS property to change the color of the text to Hex FD0047 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 #FD0047 looks like.

```
.text, #text, p{  
    color:#FD0047  
}
```

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 #FD0047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD0047
}
```

Border

The CSS property to change the border of an element to Hex FD0047 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".

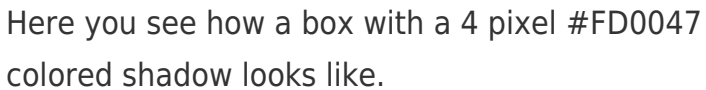
```
.border, #border, table{ border:4px solid
#FD0047 }
```

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

```
.border{ border-color:#FD0047 }
```

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

Here you see how a box with a 4 pixel #FD0047 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #FD0047 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD0047; -webkit-box-shadow:4px 4px  
4px 4px #FD0047; box-shadow:4px 4px 4px  
4px #FD0047 }
```

Background

The CSS property to change the background color of an element to Hex FD0047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD0047 }
```

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

```
.background{ background-color:#FD0047 }
```

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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