

Converting Colors

Hex(FD0011)

Have a look what the booklet for
Hex(FD0011) contains.

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Color

Hex(FD0011)

Conversions

Conversions Part 1

Format	Color
Hex	FD0011
RGB	253, 0, 17
RGB Percent	99%, 0%, 7%
CMY	0.0078, 1.0000, 0.9333
CMYK	0.00, 1.00, 0.93, 0.01
HSL	356°, 100%, 50%
HSV	356°, 100%, 99%
XYZ	40.6092, 20.9231, 2.4285
YIQ	77.5850, 145.3310, 58.9230

Conversions

Conversions Part 2

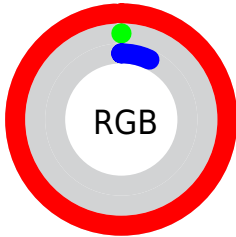
Format	Color
RYB	253, 0, 17
Decimal	16580625
CIELab	52.87, 79.75, 62.44
CIElCh	53, 101.286, 38.056
Yxy	20.9231, 0.6349, 0.3271
Android (android.graphics.Color)	4294770705 (0xFFFD0011)
YUV	77.5850, -29.8684, 153.8390
Hunter-Lab	45.7418, 78.4227, 28.8714

Details

The Hex color **FD0011** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **00FDEC**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **FF6044**, and **BA0000** is the 20% darker color. If you saturate the color by 10%, you get **FD0011**, and if you desaturate by 10%, it is **FD1929**.

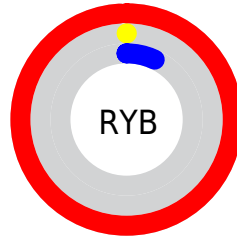
Distribution



Red (99%)

Green (0%)

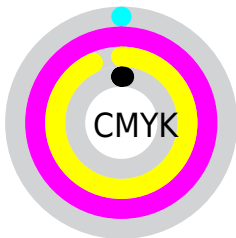
Blue (7%)



Red (99%)

Yellow (0%)

Blue (7%)

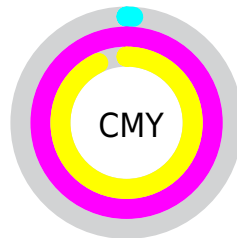


Cyan (0%)

Magenta (100%)

Yellow (93%)

Black (1%)



Cyan (1%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD0011 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 FD0011 by changing the saturation by 10% instead.

 FD0011

 FD0011

FFFFFF

 DB0000

 FF6044

 BA0000

 FF805D

 980000

 FF9E77

 770002

 FFBC91

 580004

 FFDBAD

 390002

 FFF9C8

 0F0000

 FFFF E5

 000000

 FD0011

 FD1929

 FD3340

 FD4C58

 FD656F

 FD7F87

 FD989F

 FDB1B6

 FDCACE

 FDE4E5

Harmonies

Analogous

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



FF006B



FD0011



CC6000

Triad

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



FD0011



009C36



0084FF

Complementary

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



FD0011



00FDEC

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.



0099FF



FD0011



00A095

Square

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



FD0011



009400



00A0E9



9357FF

Rectangle

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



FD0011



9F7A00



00A0E9



008DFF

Sweetspot

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



FD0011



FFB3B8



E800FD



805255



000000



808080

Same Dimension

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



FD0011



FF0011



FD6900



807374



BF000D



400004

Inverse Universe

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



FD0011



FF0011



0094FD



807374



BF000D



400004

Previews

White Background



This preview shows how the Hex color FD0011 looks on a white background.

Color Contrast Check

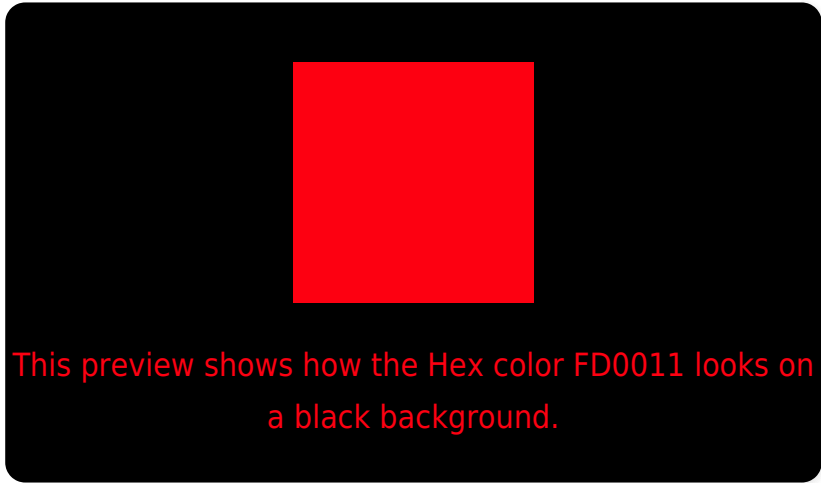
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD0011 Background



This preview shows how black text looks on a background with the Hex color FD0011.



This preview shows how white text looks on a background with the Hex color FD0011.

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
FD0011

Protanopia
8F8028

Deuteranopia
A17900



Trichromacy



Original Color
FD0011



Protanomaly
B75120



Deuteranomaly
C24D06



Tritanomaly
FC0F06

Monochromacy



Original Color
FD0011



Achromatopsia
4E4E4E



Achromatomaly
8E3238

CSS Examples

Text

The CSS property to change the color of the text to Hex FD0011 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 #FD0011 looks like.

```
.text, #text, p{  
    color:#FD0011  
}
```

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 #FD0011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD0011
}
```

Border

The CSS property to change the border of an element to Hex FD0011 is called "border". The border property can be set on classes, ids or directly on the HTML element.

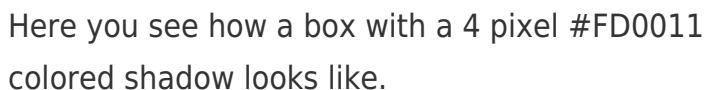
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FD0011 }
```

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

```
.border{ border-color:#FD0011 }
```

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



Here you see how a box with a 4 pixel `#FD0011` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD0011; -webkit-box-shadow:4px 4px  
4px 4px #FD0011; box-shadow:4px 4px 4px  
4px #FD0011 }
```

Background

The CSS property to change the background color of an element to Hex FD0011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD0011 }
```

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

```
.background{ background-color:#FD0011 }
```

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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