

Converting Colors

Hex(FF001E)

Have a look what the booklet for
Hex(FF001E) contains.

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Color

Hex(F001E)

Conversions

Conversions Part 1

Format	Color
Hex	FF001E
RGB	255, 0, 30
RGB Percent	100%, 0%, 12%
CMY	0.0000, 1.0000, 0.8824
CMYK	0.00, 1.00, 0.88, 0.00
HSL	353°, 100%, 50%
HSV	353°, 100%, 100%
XYZ	41.4743, 21.3537, 3.1640
YIQ	79.6650, 142.3500, 63.3900

Conversions

Conversions Part 2

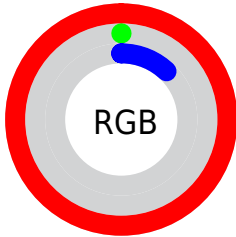
Format	Color
R_{YB}	255, 0, 30
Decimal	16711710
CIE _{Lab}	53.33, 80.39, 58.05
CIE _{LCh}	53, 99.158, 35.836
Yxy	21.3537, 0.6285, 0.3236
Android (android.graphics.Color)	4294901790 (0xFFFF001E)
YUV	79.6650, -24.4848, 153.7688
Hunter-Lab	46.2101, 79.3391, 28.2874

Details

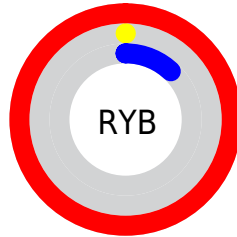
The Hex color **FF001E** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **00FFE1**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF614E**, and **BC0000** is the 20% darker color. If you saturate the color by 10%, you get **FF001E**, and if you desaturate by 10%, it is **FF1935**.

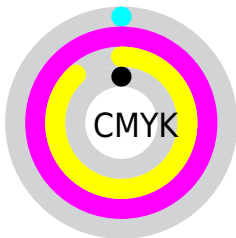
Distribution



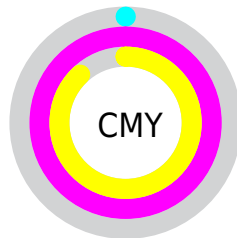
- Red (100%)
- Green (0%)
- Blue (12%)



- Red (100%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (88%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF001E 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 FF001E by changing the saturation by 10% instead.

 FF001E

 FF001E

FFFFFF

 DD0004

 FF614E

 BC0000

 FF8067

 9A0000

 FF9F81

 7A0001

 FFBD9C

 5A0004

 FFDCB7

 3B0002

 FFFAD3

 140000

 FFFFEF

 000000

 FF001E

 FF1935

 FF334B

 FF4D62

 FF6678

 FF808F

 FF99A5

 FFB3BC

 FFCCD2

 FFE6E9

Harmonies

Analogous

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



FF0073



FF001E



D15E00

Triad

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



FF001E



009D31



0087FF

Complementary

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



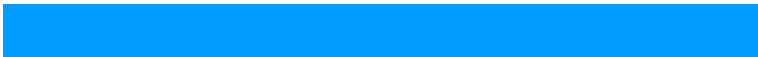
FF001E



00FFE1

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.



009BFF



FF001E



00A08F

Square

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



FF001E



1C9400



00A1E3



895EFF

Rectangle

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



FF001E



A57800



00A1E3



008FFF

Sweetspot

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



FF001E



FFB3BC



DD00FF



805257



000000



808080

Same Dimension

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



FF001E



FF5E00



807374



BF0017



400008

Inverse Universe

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



FF001E



00A2FF



807374



BF0016



400007

Previews

White Background



This preview shows how the Hex color FF001E looks on a white background.

Color Contrast Check

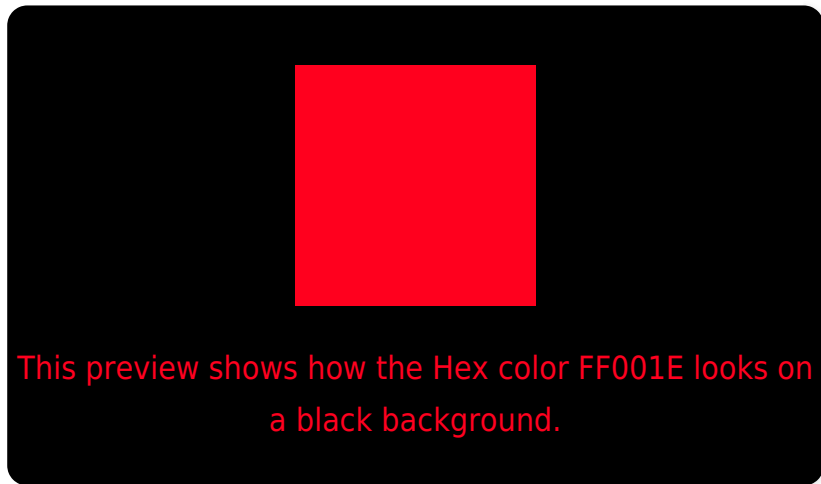
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF001E Background



This preview shows how black text looks on a background with the Hex color FF001E.



This preview shows how white text looks on a background with the Hex color FF001E.

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
FF001E

Protanopia
8F8135

Deuteranopia
A37A00



Tritanopia
FD1700

Trichromacy



Original Color
FF001E



Protanomaly
B8522D



Deuteranomaly
C44E0B



Tritanomaly
FE0F0B

Monochromacy



Original Color
FF001E



Achromatopsia
505050



Achromatomaly
90333E

CSS Examples

Text

The CSS property to change the color of the text to Hex FF001E 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 #FF001E looks like.

```
.text, #text, p{  
    color:#FF001E  
}
```

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 #FF001E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF001E
}
```

Border

The CSS property to change the border of an element to Hex FF001E 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".

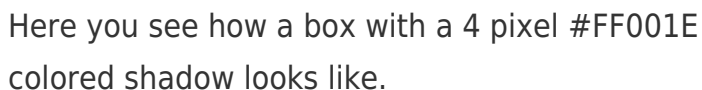
```
.border, #border, table{ border:4px solid
#FF001E }
```

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

```
.border{ border-color:#FF001E }
```

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

Here you see how a box with a 4 pixel #FF001E colored shadow looks like.

A rectangular box with a red border and a red shadow. The box is white with a red border and a red shadow. The shadow is a 4px red shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF001E; -webkit-box-shadow:4px 4px  
4px 4px #FF001E; box-shadow:4px 4px 4px  
4px #FF001E }
```

Background

The CSS property to change the background color of an element to Hex FF001E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF001E }
```

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

```
.background{ background-color:#FF001E }
```

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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