

Converting Colors

Hex(FA0001)

Have a look what the booklet for
Hex(FA0001) contains.

Hex(FA0001)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FA0001)

Conversions

Conversions Part 1

Format	Color
Hex	FA0001
RGB	250, 0, 1
RGB Percent	98%, 0%, 0%
CMY	0.0196, 1.0000, 0.9961
CMYK	0.00, 1.00, 1.00, 0.02
HSL	360°, 100%, 49%
HSV	360°, 100%, 98%
XYZ	39.4298, 20.3262, 1.8739
YIQ	74.8640, 148.6790, 53.3110

Conversions

Conversions Part 2

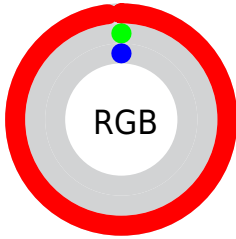
Format	Color
RYB	250, 0, 1
Decimal	16384001
CIELab	52.20, 78.92, 65.96
CIELCh	52, 102.855, 39.886
Yxy	20.3262, 0.6398, 0.3298
Android (android.graphics.Color)	4294574081 (0xFFFA0001)
YUV	74.8640, -36.4150, 153.5943
Hunter-Lab	45.0846, 77.2136, 29.0949

Details

The Hex color **FA0001** 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 **00FAF9**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FF5F3B**, and **B60000** is the 20% darker color. If you saturate the color by 10%, you get **FA0001**, and if you desaturate by 10%, it is **FA191A**.

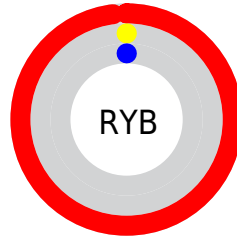
Distribution



Red (98%)

Green (0%)

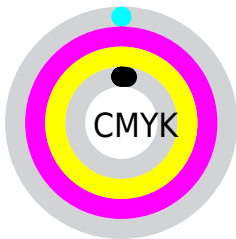
Blue (0%)



Red (98%)

Yellow (0%)

Blue (0%)

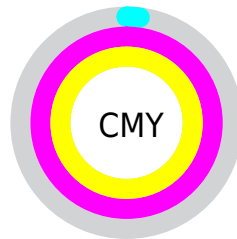


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FA0001 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 FA0001 by changing the saturation by 10% instead.

 FA0001

 FA0001

 FFFFF8

 D80000

 FF5F3B

 B60000

 FF7F54

 950000

 FF9D6E

 750002

 FFBB88

 560004

 FFDA A3

 360002

 FFF8BF

 060000

 FFFFDB

 000000

 FA0001

 FA191A

 FA3233

 FA4B4C

 FA6465

 FA7D7E

 FA9696

 FAAFAF

 FAC8C8

 FAE1E1

Harmonies

Analogous

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



FF0064



FA0001



C66000

Triad

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



FA0001



009B3A



0080FF

Complementary

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



FA0001



00FAF9

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.



0097FF



FA0001



009E99

Square

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



FA0001



009400



009EEE



9A50FF

Rectangle

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



FA0001



987A00



009EEE



008AFF

Sweetspot

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



FA0001



FFB3B3



F600FA



805252



000000



808080

Same Dimension

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



FA0001



FF0001



FA7900



7D7071



BD0001



3D0000

Inverse Universe

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



FA0001



FF0001



0081FA



7D7071



BD0001



3D0000

Previews

White Background



This preview shows how the Hex color FA0001 looks on a white background.

Color Contrast Check

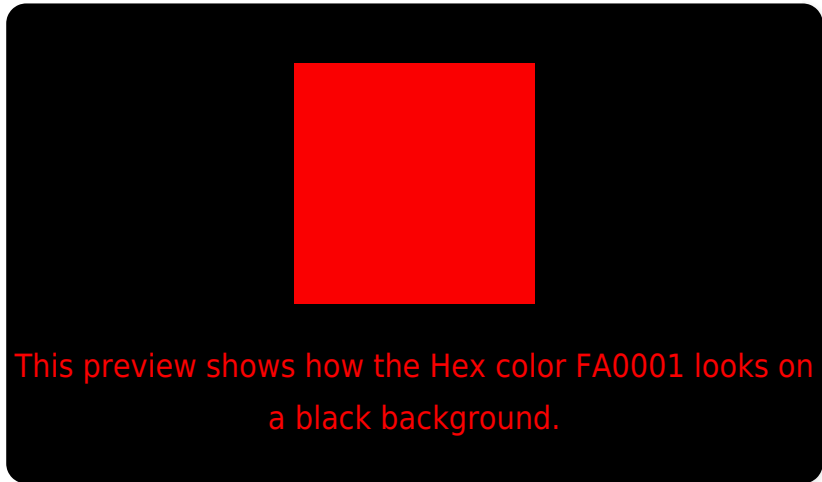
Large Text (above 18pt) WCAG AA ✓ Pass

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 FA0001 Background



This preview shows how black text looks on a background with the Hex color FA0001.



This preview shows how white text looks on a background with the Hex color FA0001.

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
FA0001

Protanopia
8E7E20

Deuteranopia
9F7800



Tritanopia
F81700

Trichromacy



Original Color
FA0001



Protanomaly
B55015



Deuteranomaly
C04C00



Tritanomaly
F90F00

Monochromacy



Original Color
FA0001



Achromatopsia
4B4B4B



Achromatomaly
8B3030

CSS Examples

Text

The CSS property to change the color of the text to Hex FA0001 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 #FA0001 looks like.

```
.text, #text, p{  
    color:#FA0001  
}
```

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 #FA0001 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA0001
}
```

Border

The CSS property to change the border of an element to Hex FA0001 is called "border". The border property can be set on classes, ids or directly on the HTML element.

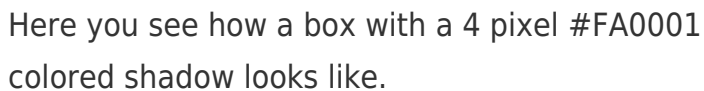
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FA0001 }
```

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

```
.border{ border-color:#FA0001 }
```

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



Here you see how a box with a 4 pixel #FA0001 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA0001; -webkit-box-shadow:4px 4px  
4px 4px #FA0001; box-shadow:4px 4px 4px  
4px #FA0001 }
```

Background

The CSS property to change the background color of an element to Hex FA0001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA0001 }
```

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

```
.background{ background-color:#FA0001 }
```

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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