

# Converting Colors

Hex(FA0013)

Have a look what the booklet for  
Hex(FA0013) contains.

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**Color**

**Hex(FA0013)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FA0013
RGB	250, 0, 19
RGB Percent	98%, 0%, 7%
CMY	0.0196, 1.0000, 0.9255
CMYK	0.00, 1.00, 0.92, 0.02
HSL	355°, 100%, 49%
HSV	355°, 100%, 98%
XYZ	39.5419, 20.3710, 2.4640
YIQ	76.9160, 142.9010, 58.9090

# Conversions

## Conversions Part 2

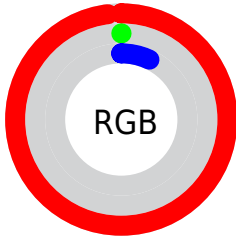
<b>Format</b>	<b>Color</b>
<b>RYB</b>	250, 0, 19
Decimal	16384019
CIELab	52.25, 79.06, 61.11
CIELCh	52, 99.924, 37.702
Yxy	20.3710, 0.6339, 0.3266
Android (android.graphics.Color)	4294574099 (0xFFFA0013)
YUV	76.9160, -28.5526, 151.7947
Hunter-Lab	45.1343, 77.3980, 28.3572

# Details

The Hex color **FA0013** 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 **00FAE7**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FF6045**, and **B70000** is the 20% darker color. If you saturate the color by 10%, you get **FA0013**, and if you desaturate by 10%, it is **FA192A**.

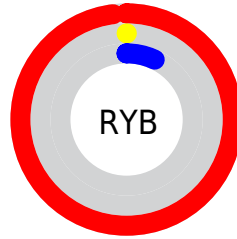
# Distribution



Red (98%)

Green (0%)

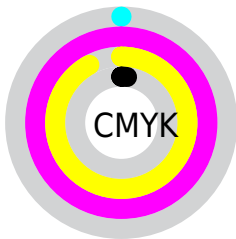
Blue (7%)



Red (98%)

Yellow (0%)

Blue (7%)

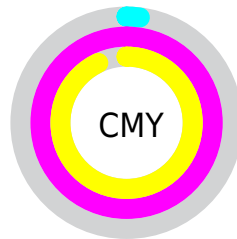


Cyan (0%)

Magenta (100%)

Yellow (92%)

Black (2%)



Cyan (2%)

Magenta (100%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FA0013 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 FA0013 by changing the saturation by 10% instead.



 FA0013

 FA0013

FFFFFF

 D80000

 FF6045

 B70000

 FF7F5E

 950000

 FF9D78

 750002

 FFBC92

 560004

 FFDAAE

 360002

 FFF8C9

 070000

 FFFFE6

 000000

 FA0013

 FA192A

 FA3241

 FA4B58

 FA646F

 FA7D87

 FA969E

 FAAF85

 FAC8CC

 FAE1E3

# Harmonies

## Analogous

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



FF006B



FA0013



CA5E00

# Triad

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



FA0013



009A34



0083FF

# Complementary

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



FA0013



00FAE7

# 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



FA0013



009E92

# Square

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



FA0013



009200



009EE5



8F57FF

# Rectangle

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



FA0013



9E7800



009EE5



008CFF



# Sweetspot

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



FA0013



FFB3B8



E500FA



805255



000000



808080



# Same Dimension

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



FA0013



FF0013



FA6800



7D7071



BD000E



3D0005



# Inverse Universe

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



FA0013



FF0013



0092FA



7D7071



BD000E



3D0005



# Previews

## White Background



This preview shows how the Hex color FA0013 looks on a white background.

## Color Contrast Check

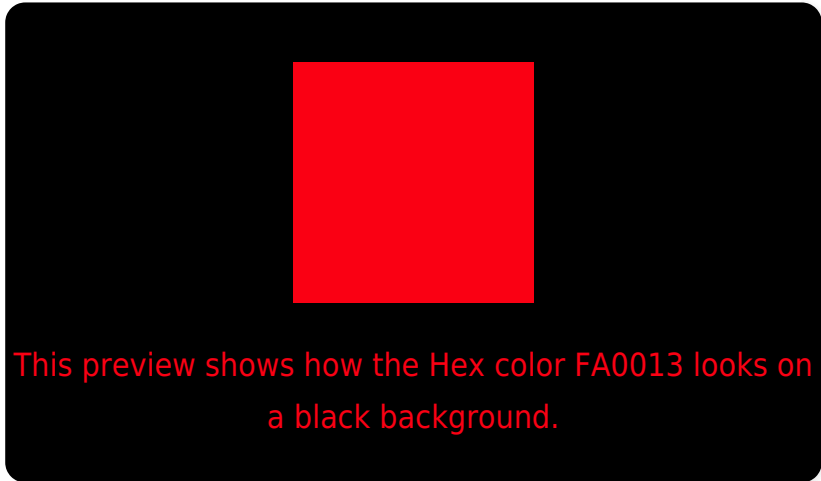
Large Text (above 18pt) WCAG AA ✓ Pass

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 FA0013 Background



This preview shows how black text looks on a background with the Hex color FA0013.



This preview shows how white text looks on a background with the Hex color FA0013.

# 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**  
FA0013

**Protanopia**  
8D7E29

**Deuteranopia**  
9F7800



**Tritanopia**  
F81700

# Trichromacy



**Original Color**  
FA0013



**Protanomaly**  
B55021



**Deuteranomaly**  
C04C07



**Tritanomaly**  
F90F07

# Monochromacy



**Original Color**  
FA0013



**Achromatopsia**  
4D4D4D



**Achromatomaly**  
8C3138

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FA0013 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 #FA0013 looks like.

```
.text, #text, p{  
    color:#FA0013  
}
```

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 #FA0013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA0013
}
```

## Border

The CSS property to change the border of an element to Hex FA0013 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".

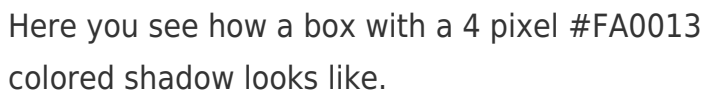
```
.border, #border, table{ border:4px solid
#FA0013 }
```

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

```
.border{ border-color:#FA0013 }
```

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

Here you see how a box with a 4 pixel #FA0013 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA0013; -webkit-box-shadow:4px 4px  
4px 4px #FA0013; box-shadow:4px 4px 4px  
4px #FA0013 }
```

# Background

The CSS property to change the background color of an element to Hex FA0013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA0013 }
```

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

```
.background{ background-color:#FA0013 }
```

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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