

# Converting Colors

Hex(FB3E01)

Have a look what the booklet for  
Hex(FB3E01) contains.

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**Color**

**Hex(FB3E01)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | FB3E01                      |
| RGB         | 251, 62, 1                  |
| RGB Percent | 98%, 24%, 0%                |
| CMY         | 0.0157, 0.7569, 0.9961      |
| CMYK        | 0.00, 0.75, 1.00, 0.02      |
| HSL         | 15°, 99%, 49%               |
| HSV         | 15°, 100%, 98%              |
| XYZ         | 41.5118, 23.9567, 2.4649    |
| YIQ         | 111.5570, 132.2250, 21.0970 |

# Conversions

## Conversions Part 2

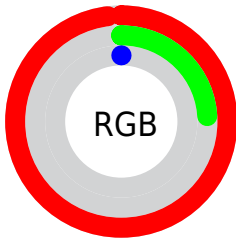
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 251, 82, 1                      |
| Decimal                             | 16465409                        |
| CIELab                              | 56.04, 68.82, 67.64             |
| CIELCh                              | 56, 96.494, 44.503              |
| Yxy                                 | 23.9567, 0.6111,<br>0.3526      |
| Android<br>(android.graphics.Color) | 4294655489<br>(0xFFFB3E01)      |
| YUV                                 | 111.5570, -54.5046,<br>122.2915 |
| Hunter-Lab                          | 48.9456, 65.7349,<br>31.2760    |

# Details

The Hex color **FB3E01** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **01BEFB**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF7B3F**, and **B80000** is the 20% darker color. If you saturate the color by 10%, you get **FB3D00**, and if you desaturate by 10%, it is **FB511A**.

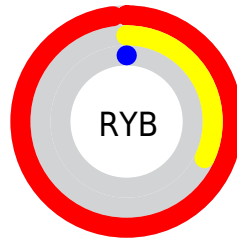
# Distribution



Red (98%)

Green (24%)

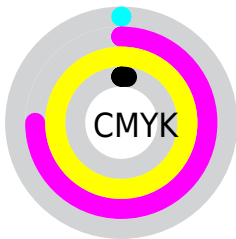
Blue (0%)



Red (98%)

Yellow (32%)

Blue (0%)

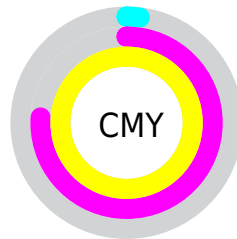


Cyan (0%)

Magenta (75%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (76%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FB3E01 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 FB3E01 by changing the saturation by 10% instead.



 FB3E01

 FB3E01

FFFFFF

 DA1500

 FF7B3F

 B80000

 FF9859

 980000

 FFB573

 770000

 FFD38E

 580002

 FFF1A9

 3B0002

 FFFFC5

 140000

 FFFFE2

 000000

 FB3E01

 FB3E01

 FB3D00

 FB511A

 FB6433

 FB774C

 FB8A65

 FB9D7E

 FBB098

 FBC3B1

 FBD6CA

 FBE9E3

# Harmonies

## Analogous

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



FF0062



FB3E01



C67200

# Triad

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



FB3E01



00A656



0084FF

# Complementary

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



FB3E01



01BEFB

# 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.



009DFF



FB3E01



00A8AE

# Square

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



FB3E01



009F00



00A7FC



B755FF

# Rectangle

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



FB3E01



998800



00A7FC



008FFF



# Sweetspot

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



FB3E01



FFC5B3



FB01C1



805D52



000000



808080



# Same Dimension

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



FB3E01



FF3E00



FBB801



7D7470



BD2E00



3D0F00

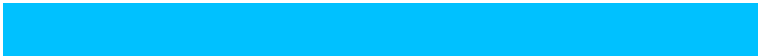


# Inverse Universe

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



01BEFB



00C1FF



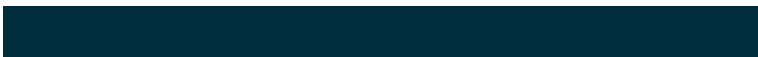
0144FB



707A7D



008FBD



002E3D



# Previews

## White Background



This preview shows how the Hex color FB3E01 looks on a white background.

## Color Contrast Check

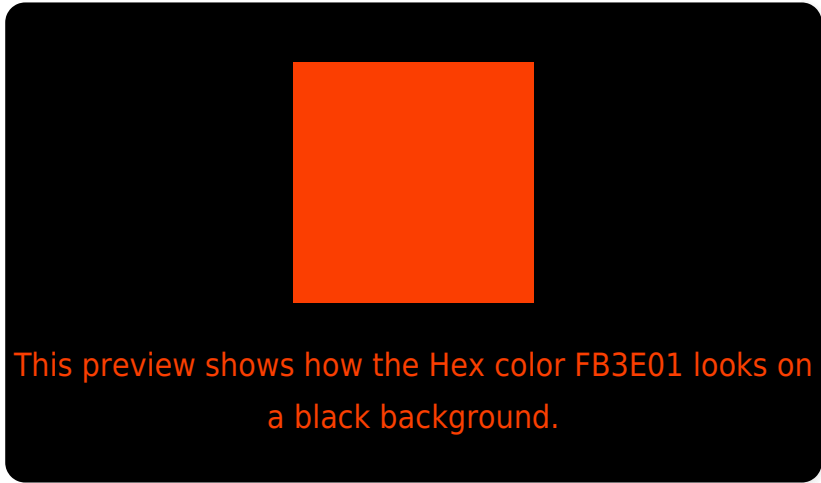
Large Text (above 18pt) WCAG AA ✓ Pass

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 FB3E01 Background



This preview shows how black text looks on a background with the Hex color FB3E01.



This preview shows how white text looks on a background with the Hex color FB3E01.

# 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



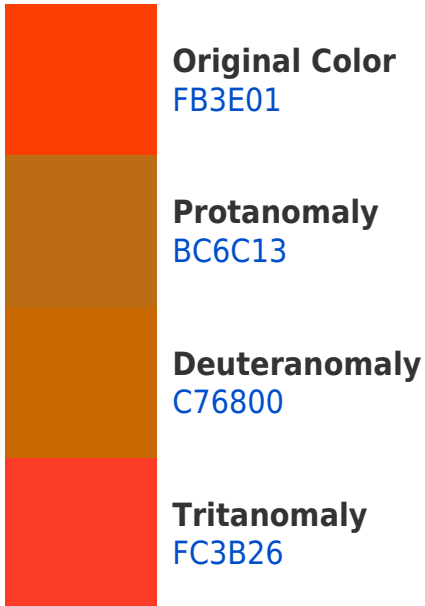
**Original Color**  
FB3E01

**Protanopia**  
98871D

**Deuteranopia**  
AA8000



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FB3E01 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 #FB3E01 looks like.

```
.text, #text, p{  
    color:#FB3E01  
}
```

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 #FB3E01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB3E01
}
```

## Border

The CSS property to change the border of an element to Hex FB3E01 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".

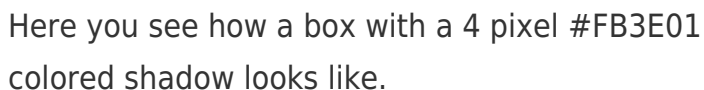
```
.border, #border, table{ border:4px solid
#FB3E01 }
```

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

```
.border{ border-color:#FB3E01 }
```

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

Here you see how a box with a 4 pixel #FB3E01 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB3E01; -webkit-box-shadow:4px 4px  
4px 4px #FB3E01; box-shadow:4px 4px 4px  
4px #FB3E01 }
```

# Background

The CSS property to change the background color of an element to Hex FB3E01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB3E01 }
```

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

```
.background{ background-color:#FB3E01 }
```

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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