

# Converting Colors

Hex(FF4E00)

Have a look what the booklet for  
Hex(FF4E00) contains.

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**Color**

**Hex(F4E00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF4E00
RGB	255, 78, 0
RGB Percent	100%, 31%, 0%
CMY	0.0000, 0.6941, 1.0000
CMYK	0.00, 0.69, 1.00, 0.00
HSL	18°, 100%, 50%
HSV	18°, 100%, 100%
XYZ	43.9644, 26.7088, 2.8381
YIQ	122.0310, 130.5300, 13.2660

# Conversions

## Conversions Part 2

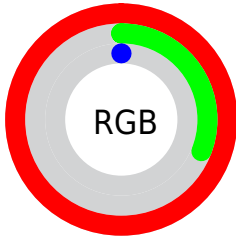
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 112, 0
Decimal	16731648
CIELab	58.70, 64.69, 69.50
CIELCh	59, 94.945, 47.054
Yxy	26.7088, 0.5981, 0.3633
Android (android.graphics.Color)	4294921728 (0xFFFF4E00)
YUV	122.0310, -60.1613, 116.6138
Hunter-Lab	51.6805, 61.4082, 32.9204

# Details

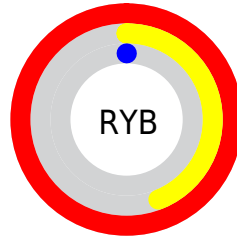
The Hex color **FF4E00** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **00B1FF**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF8841**, and **BD0000** is the 20% darker color. If you saturate the color by 10%, you get **FF4E00**, and if you desaturate by 10%, it is **FF6019**.

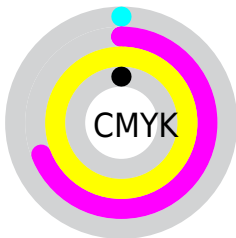
# Distribution



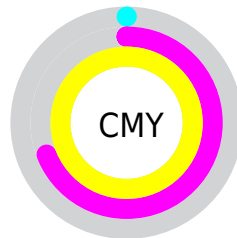
- Red (100%)
- Green (31%)
- Blue (0%)



- Red (100%)
- Yellow (44%)
- Blue (0%)



- Cyan (0%)
- Magenta (69%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (69%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF4E00 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 FF4E00 by changing the saturation by 10% instead.



 FF4E00

 FF4E00

FFFFFF

 DE2E00

 FF8841

 BD0000

 FFA55B

 9C0000

 FFC276

 7C0000

 FFDF91

 5D0001

 FFFDAC

 400003

 FFFFC9

 1E0001

 FFFF E5

 000000

 FF4E00

 FF6019

 FF7133

 FF834D

 FF9566

 FFA780

 FFB899

 FFCAB3

 FFDCCC

 FFEDE6

# Harmonies

## Analogous

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



FF0062



FF4E00



C97C00

# Triad

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



FF4E00



00AD65



0088FF

# Complementary

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



FF4E00



00B1FF

# 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.



00A2FF



FF4E00



00B0BC

# Square

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



FF4E00



00A700



00ADFF



C859FF

# Rectangle

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



FF4E00



9A9000



00ADFF



0093FF



# Sweetspot

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



FF4E00



FFCAB3



FF00B3



806052



000000



808080



# Same Dimension

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



FF4E00



FFCC00



807773



BF3B00



401400

# Inverse Universe

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



00B1FF



0033FF



737C80



0085BF



002C40

# Previews

## White Background



This preview shows how the Hex color FF4E00 looks on a white background.

## Color Contrast Check

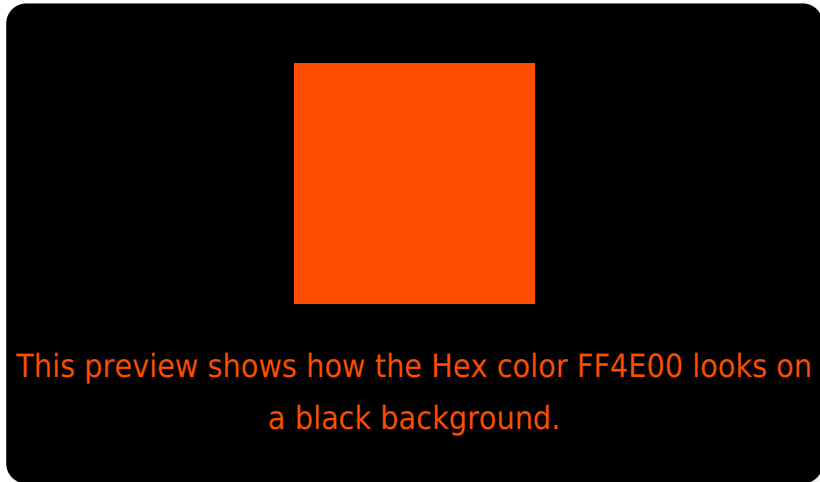
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF4E00 Background



This preview shows how black text looks on a background with the Hex color FF4E00.



This preview shows how white text looks on a background with the Hex color FF4E00.

# 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**  
FF4E00

**Protanopia**  
9F8E1C

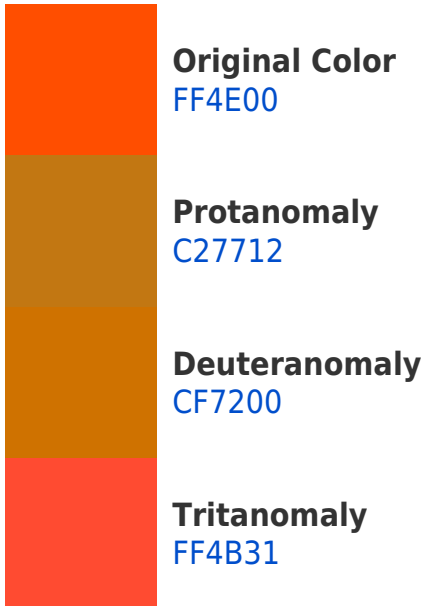
**Deuteranopia**  
B38600



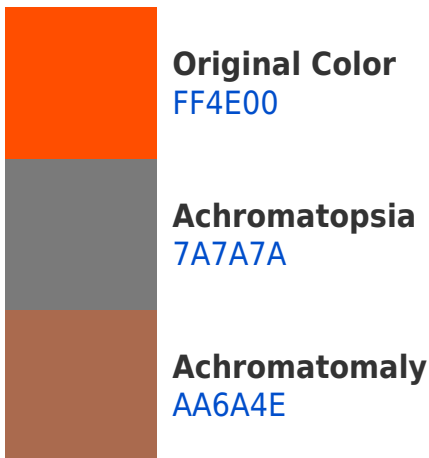


**Tritanopia**  
FF4A4D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF4E00 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 #FF4E00 looks like.

```
.text, #text, p{  
    color:#FF4E00  
}
```

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 #FF4E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4E00
}
```

## Border

The CSS property to change the border of an element to Hex FF4E00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

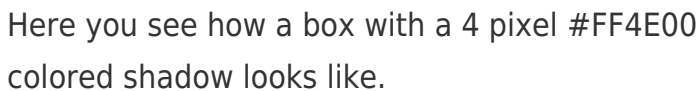
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF4E00 }
```

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

```
.border{ border-color:#FF4E00 }
```

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



Here you see how a box with a 4 pixel `#FF4E00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4E00; -webkit-box-shadow:4px 4px  
4px 4px #FF4E00; box-shadow:4px 4px 4px  
4px #FF4E00 }
```

# Background

The CSS property to change the background color of an element to Hex FF4E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4E00 }
```

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

```
.background{ background-color:#FF4E00 }
```

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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