

Converting Colors

Hex(FF4A00)

Have a look what the booklet for
Hex(FF4A00) contains.

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Color

Hex(F4A00)

Conversions

Conversions Part 1

Format	Color
Hex	FF4A00
RGB	255, 74, 0
RGB Percent	100%, 29%, 0%
CMY	0.0000, 0.7098, 1.0000
CMYK	0.00, 0.71, 1.00, 0.00
HSL	17°, 100%, 50%
HSV	17°, 100%, 100%
XYZ	43.6888, 26.1576, 2.7463
YIQ	119.6830, 131.6300, 15.3580

Conversions

Conversions Part 2

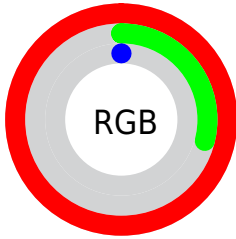
Format	Color
R_{YB}	255, 104, 0
Decimal	16730624
CIE _{Lab}	58.19, 66.11, 69.25
CIE _{LCh}	58, 95.741, 46.332
Yxy	26.1576, 0.6018, 0.3603
Android (android.graphics.Color)	4294920704 (0xFFFF4A00)
YUV	119.6830, -59.0037, 118.6730
Hunter-Lab	51.1445, 62.9760, 32.6175

Details

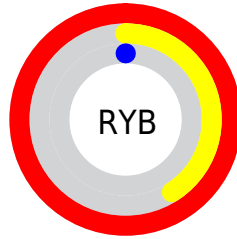
The Hex color **FF4A00** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **00B5FF**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF8540**, and **BD0000** is the 20% darker color. If you saturate the color by 10%, you get **FF4A00**, and if you desaturate by 10%, it is **FF5C19**.

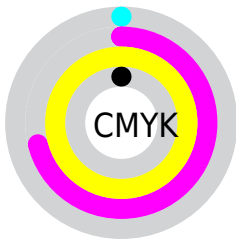
Distribution



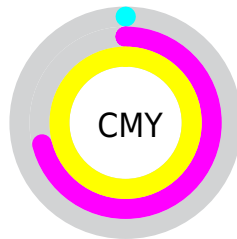
- Red (100%)
- Green (29%)
- Blue (0%)



- Red (100%)
- Yellow (41%)
- Blue (0%)



- Cyan (0%)
- Magenta (71%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (71%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF4A00 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 FF4A00 by changing the saturation by 10% instead.

 FF4A00

 FF4A00

FFFFFF

 DE2800

 FF8540

 BD0000

 FFA25B

 9C0000

 FFBF75

 7C0000

 FFDC90

 5C0001

 FFFAAC

 400003

 FFFFC8

 1D0001

 FFFFE4

 000000

 FF4A00

 FF5C19

 FF6E33

 FF804D

 FF9266

 FFA580

 FFB799

 FFC9B3

 FFDBCC

 FFEDE6

Harmonies

Analogous

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



FF0063



FF4A00



C97A00

Triad

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



FF4A00



00AC61



0087FF

Complementary

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



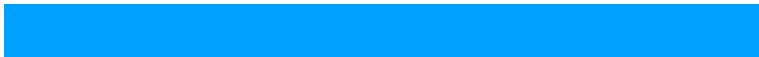
FF4A00



00B5FF

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.



00A1FF



FF4A00



00AEB9

Square

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



FF4A00



00A500



00ACFF



C458FF

Rectangle

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



FF4A00



9A8F00



00ACFF



0092FF

Sweetspot

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



FF4A00



FFC9B3



FF00B7



805F52



000000



808080

Same Dimension

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



FF4A00



FFC800



807673



BF3800



401300

Inverse Universe

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



00B5FF



0037FF



737C80



0088BF



002D40

Previews

White Background



This preview shows how the Hex color FF4A00 looks on a white background.

Color Contrast Check

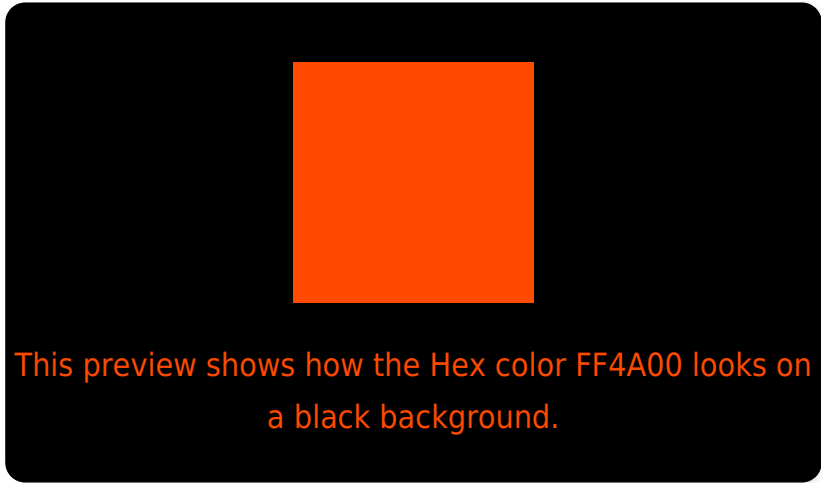
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF4A00 Background



This preview shows how black text looks on a background with the Hex color FF4A00.

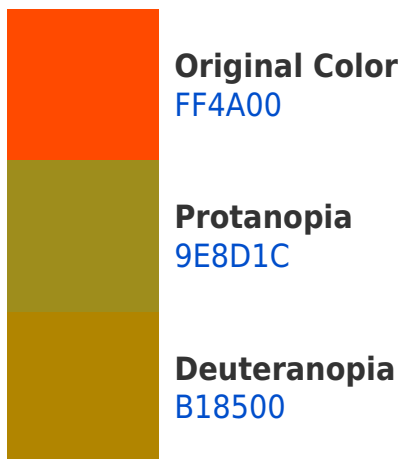


This preview shows how white text looks on a background with the Hex color FF4A00.

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](#).

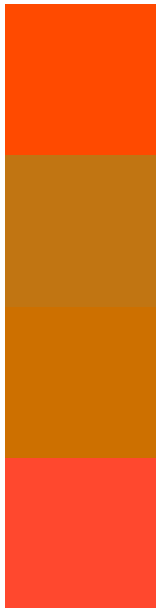
Dichromacy





Tritanopia
FF4749

Trichromacy



Original Color
FF4A00

Protanomaly
C17512

Deuteranomaly
CD7000

Tritanomaly
FF482E

Monochromacy



Original Color
FF4A00

Achromatopsia
787878

Achromatomaly
A9674C

CSS Examples

Text

The CSS property to change the color of the text to Hex FF4A00 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 #FF4A00 looks like.

```
.text, #text, p{  
    color:#FF4A00  
}
```

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 #FF4A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4A00
}
```

Border

The CSS property to change the border of an element to Hex FF4A00 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
#FF4A00 }
```

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

```
.border{ border-color:#FF4A00 }
```

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

Here you see how a box with a 4 pixel #FF4A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4A00; -webkit-box-shadow:4px 4px  
4px 4px #FF4A00; box-shadow:4px 4px 4px  
4px #FF4A00 }
```

Background

The CSS property to change the background color of an element to Hex FF4A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4A00 }
```

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

```
.background{ background-color:#FF4A00 }
```

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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