

Converting Colors

Hex(FD4A00)

Have a look what the booklet for
Hex(FD4A00) contains.

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Color

Hex(FD4A00)

Conversions

Conversions Part 1

Format	Color
Hex	FD4A00
RGB	253, 74, 0
RGB Percent	99%, 29%, 0%
CMY	0.0078, 0.7098, 1.0000
CMYK	0.00, 0.71, 1.00, 0.01
HSL	18°, 100%, 50%
HSV	18°, 100%, 99%
XYZ	42.9568, 25.7802, 2.7120
YIQ	119.0850, 130.4380, 14.9340

Conversions

Conversions Part 2

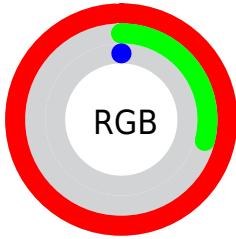
Format	Color
R_{YB}	253, 105, 0
Decimal	16599552
CIE _{Lab}	57.83, 65.48, 68.88
CIE _{LCh}	58, 95.042, 46.448
Yxy	25.7802, 0.6012, 0.3608
Android (android.graphics.Color)	4294789632 (0xFFFD4A00)
YUV	119.0850, -58.7089, 117.4435
Hunter-Lab	50.7742, 62.1625, 32.3751

Details

The Hex color **FD4A00** 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 **00B3FD**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF8540**, and **BB0000** is the 20% darker color. If you saturate the color by 10%, you get **FD4A00**, and if you desaturate by 10%, it is **FD5C19**.

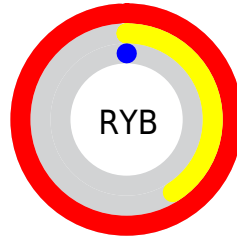
Distribution



Red (99%)

Green (29%)

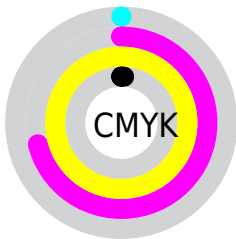
Blue (0%)



Red (99%)

Yellow (41%)

Blue (0%)

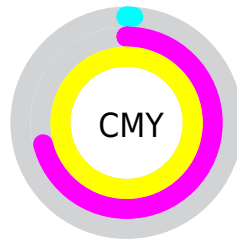


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (1%)



Cyan (1%)

Magenta (71%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD4A00 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 FD4A00 by changing the saturation by 10% instead.

 FD4A00

 FD4A00

FFFFFF

 DC2900

 FF8540

 BB0000

 FFA15A

 9A0000

 FFBE75

 7A0000

 FFDC90

 5B0001

 FFFAAB

 3E0003

 FFFFC7

 1A0001

 FFFFE4

 000000

 FD4A00

 FD5C19

 FD6E33

 FD804C

 FD9265

 FDA47F

 FDB598

 FDC7B1

 FDD9CA

 FDEBE4

Harmonies

Analogous

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



FF0062



FD4A00



C77A00

Triad

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



FD4A00



00AB61



0086FF

Complementary

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



FD4A00



00B3FD

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.



00A0FF



FD4A00



00ADB8

Square

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



FD4A00



00A400



00ABFF



C358FF

Rectangle

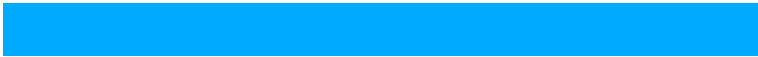
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FD4A00



998E00



00ABFF



0091FF

Sweetspot

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



FD4A00



FFC9B3



FD00B5



805F52



000000



808080

Same Dimension

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



FD4A00



FF4B00



FDC600



807673



BF3800



401300

Inverse Universe

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



00B3FD



00B4FF



0037FD



737C80



0087BF



002D40

Previews

White Background



This preview shows how the Hex color FD4A00 looks on a white background.

Color Contrast Check

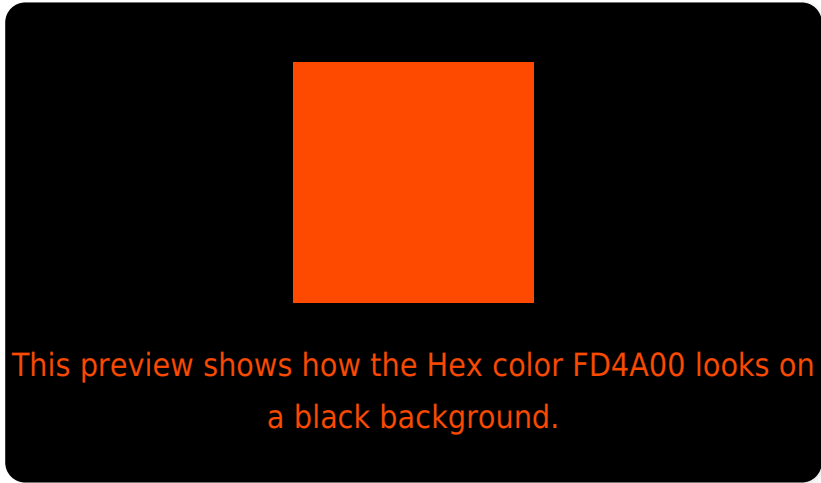
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD4A00 Background



This preview shows how black text looks on a background with the Hex color FD4A00.



This preview shows how white text looks on a background with the Hex color FD4A00.

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

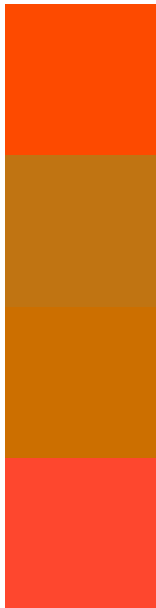


Original Color
FD4A00

Protanopia
9D8C1C

Deuteranopia
B08400

Trichromacy



Original Color
FD4A00

Protanomaly
C07412

Deuteranomaly
CC6F00

Tritanomaly
FE472E

Monochromacy



Original Color
FD4A00

Achromatopsia
777777

Achromatomaly
A8674C

CSS Examples

Text

The CSS property to change the color of the text to Hex FD4A00 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 #FD4A00 looks like.

```
.text, #text, p{  
    color:#FD4A00  
}
```

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 #FD4A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD4A00
}
```

Border

The CSS property to change the border of an element to Hex FD4A00 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
#FD4A00 }
```

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

```
.border{ border-color:#FD4A00 }
```

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

Here you see how a box with a 4 pixel #FD4A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD4A00; -webkit-box-shadow:4px 4px  
4px 4px #FD4A00; box-shadow:4px 4px 4px  
4px #FD4A00 }
```

Background

The CSS property to change the background color of an element to Hex FD4A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD4A00 }
```

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

```
.background{ background-color:#FD4A00 }
```

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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