

Converting Colors

Hex(FA4300)

Have a look what the booklet for
Hex(FA4300) contains.

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Color

Hex(FA4300)

Conversions

Conversions Part 1

Format	Color
Hex	FA4300
RGB	250, 67, 0
RGB Percent	98%, 26%, 0%
CMY	0.0196, 0.7373, 1.0000
CMYK	0.00, 0.73, 1.00, 0.02
HSL	16°, 100%, 49%
HSV	16°, 100%, 98%
XYZ	41.4315, 24.3383, 2.5141
YIQ	114.0790, 130.5750, 17.9590

Conversions

Conversions Part 2

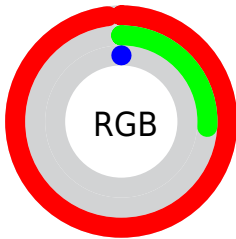
Format	Color
RYB	250, 92, 0
Decimal	16401152
CIELab	56.42, 66.94, 67.92
CIElCh	56, 95.359, 45.418
Yxy	24.3383, 0.6068, 0.3564
Android (android.graphics.Color)	4294591232 (0xFFFA4300)
YUV	114.0790, -56.2409, 119.2027
Hunter-Lab	49.3339, 63.5733, 31.5123

Details

The Hex color **FA4300** 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 **00B7FA**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF7F3F**, and **B80000** is the 20% darker color. If you saturate the color by 10%, you get **FA4300**, and if you desaturate by 10%, it is **FA5519**.

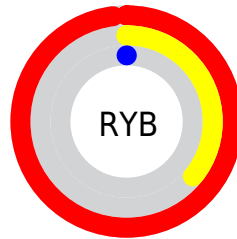
Distribution



Red (98%)

Green (26%)

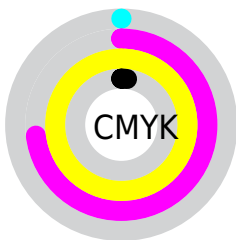
Blue (0%)



Red (98%)

Yellow (36%)

Blue (0%)

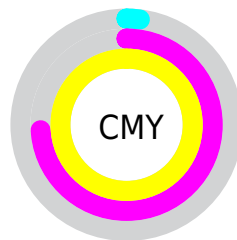


Cyan (0%)

Magenta (73%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (74%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FA4300 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 FA4300 by changing the saturation by 10% instead.

 FA4300

 FA4300

FFFFFF

 D91E00

 FF7F3F

 B80000

 FF9C59

 970000

 FFB973

 770000

 FFD68E

 580001

 FFF4AA

 3B0002

 FFFFC6

 130000

 FFFF E2

 000000

 FA4300

 FA5519

 FA6832

 FA7A4B

 FA8C64

 FA9F7D

 FAB196

 FAC3AF

 FAD5C8

 FAE8E1

Harmonies

Analogous

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



FF0061



FA4300



C57500

Triad

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



FA4300



00A75A



0084FF

Complementary

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



FA4300



00B7FA

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



FA4300



00A9B2

Square

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



FA4300



00A000



00A7FE



BC55FE

Rectangle

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



FA4300



978900



00A7FE



008EFF

Sweetspot

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



FA4300



FFC7B3



FA00B7



805E52



000000



808080

Same Dimension

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



FA4300



FF4400



FAC000



7D7470



BD3300



3D1000

Inverse Universe

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



00B7FA



00BBFF



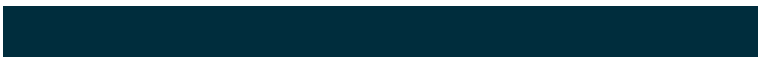
003AFA



707A7D



008ABD



002D3D

Previews

White Background



This preview shows how the Hex color FA4300 looks on a white background.

Color Contrast Check

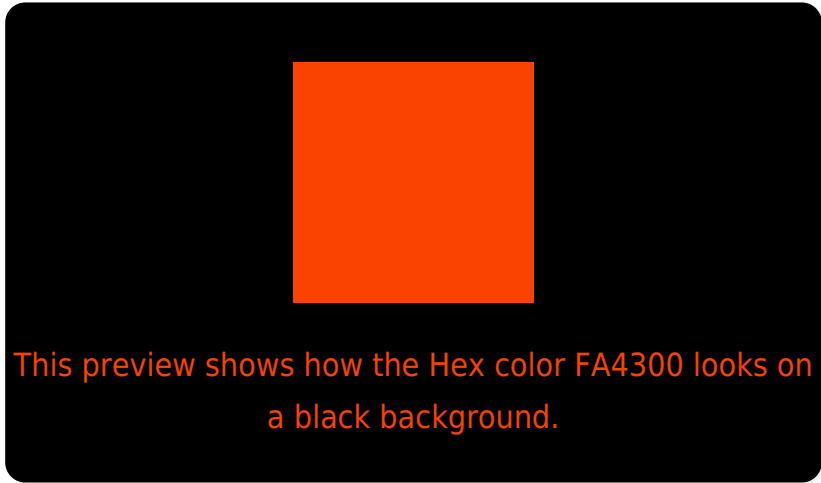
Large Text (above 18pt) WCAG AA ✓ Pass

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 FA4300 Background



This preview shows how black text looks on a background with the Hex color FA4300.



This preview shows how white text looks on a background with the Hex color FA4300.

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
FA4300

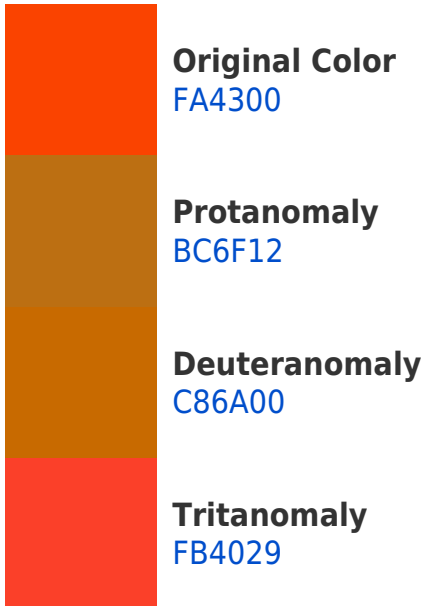
Protanopia
99881C

Deuteranopia
AB8100

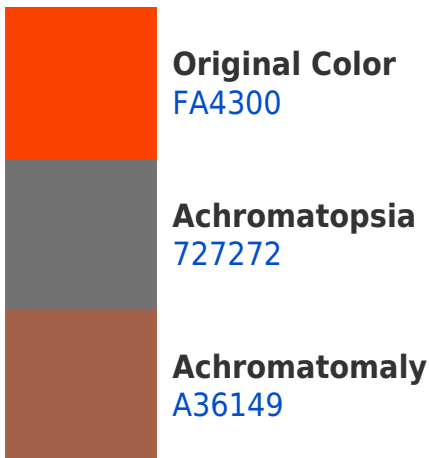


Tritanopia
FB3F41

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FA4300 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 #FA4300 looks like.

```
.text, #text, p{  
    color:#FA4300  
}
```

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 #FA4300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA4300
}
```

Border

The CSS property to change the border of an element to Hex FA4300 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
#FA4300 }
```

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

```
.border{ border-color:#FA4300 }
```

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

Here you see how a box with a 4 pixel #FA4300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA4300; -webkit-box-shadow:4px 4px  
4px 4px #FA4300; box-shadow:4px 4px 4px  
4px #FA4300 }
```

Background

The CSS property to change the background color of an element to Hex FA4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA4300 }
```

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

```
.background{ background-color:#FA4300 }
```

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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