

Converting Colors

Hex(FA2901)

Have a look what the booklet for
Hex(FA2901) contains.

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Color

Hex(FA2901)

Conversions

Conversions Part 1

Format	Color
Hex	FA2901
RGB	250, 41, 1
RGB Percent	98%, 16%, 0%
CMY	0.0196, 0.8392, 0.9961
CMYK	0.00, 0.84, 1.00, 0.02
HSL	10°, 99%, 49%
HSV	10°, 100%, 98%
XYZ	40.2228, 21.9121, 2.1382
YIQ	98.9310, 137.4040, 31.8680

Conversions

Conversions Part 2

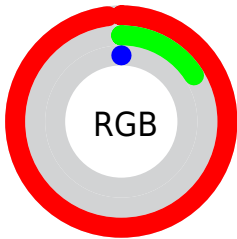
Format	Color
RYB	250, 49, 1
Decimal	16394497
CIELab	53.93, 73.95, 66.62
CIELCh	54, 99.531, 42.013
Yxy	21.9121, 0.6258, 0.3409
Android (android.graphics.Color)	4294584577 (0xFFFA2901)
YUV	98.9310, -48.2800, 132.4875
Hunter-Lab	46.8103, 71.4618, 30.0590

Details

The Hex color **FA2901** 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 **01D2FA**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF6D3D**, and **B70000** is the 20% darker color. If you saturate the color by 10%, you get **FA2800**, and if you desaturate by 10%, it is **FA3E1A**.

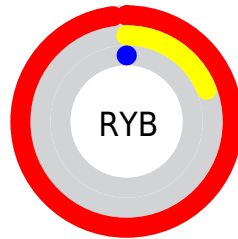
Distribution



Red (98%)

Green (16%)

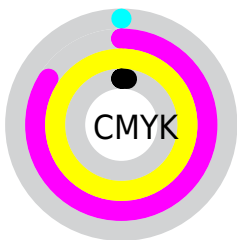
Blue (0%)



Red (98%)

Yellow (19%)

Blue (0%)

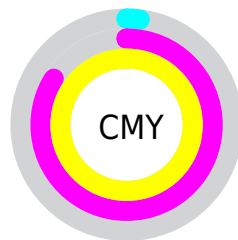


Cyan (0%)

Magenta (84%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (84%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FA2901 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 FA2901 by changing the saturation by 10% instead.

 FA2901

 FA2901

FFFFFFC

 D80000

 FF6D3D

 B70000

 FF8B56

 960000

 FFA970

 760000

 FFC78B

 560003

 FFE5A6

 380002

 FFFFC2

 0C0000

 FFFFDF

 000000

 FA2901

 FA2901

■ FA2800

■ FA3E1A

■ FA5333

■ FA684C

■ FA7D65

■ FA927E

■ FAA797

■ FABCB0

■ FAD1C9

■ FAE6E2

Harmonies

Analogous

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



FF0063



FA2901



C66900

Triad

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



FA2901



00A047



0082FF

Complementary

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



FA2901



01D2FA

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.



009AFF



FA2901



00A3A3

Square

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



FA2901



009800



00A2F4



A852FF

Rectangle

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



FA2901



988000



00A2F4



008CFF

Sweetspot

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



FA2901



FFBFB3



FA01D5



805952



000000



808080

Same Dimension

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



FA2901



FF2900



FAA301



7D7270



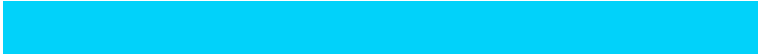
BD1E00



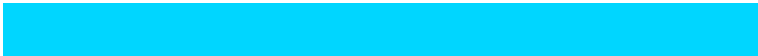
3D0A00

Inverse Universe

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



01D2FA



00D6FF



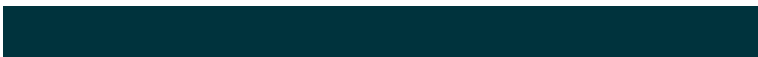
0158FA



707B7D



009EBD



00333D

Previews

White Background



This preview shows how the Hex color FA2901 looks on a white background.

Color Contrast Check

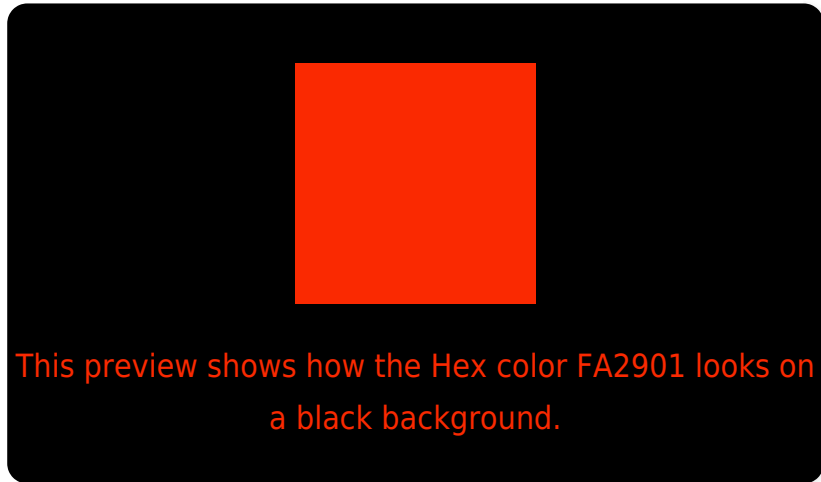
Large Text (above 18pt) WCAG AA ✓ Pass

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 FA2901 Background



This preview shows how black text looks on a background with the Hex color FA2901.



This preview shows how white text looks on a background with the Hex color FA2901.

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



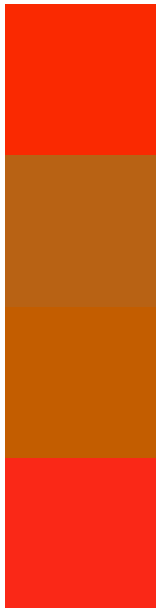
Original Color
FA2901

Protanopia
92821F

Deuteranopia
A37B00



Trichromacy



Original Color
FA2901

Protanomaly
B86214

Deuteranomaly
C35D00

Tritanomaly
FA2817

Monochromacy



Original Color
FA2901

Achromatopsia
636363

Achromatomaly
9A4E3F

CSS Examples

Text

The CSS property to change the color of the text to Hex FA2901 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 #FA2901 looks like.

```
.text, #text, p{  
    color:#FA2901  
}
```

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 #FA2901 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA2901
}
```

Border

The CSS property to change the border of an element to Hex FA2901 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".

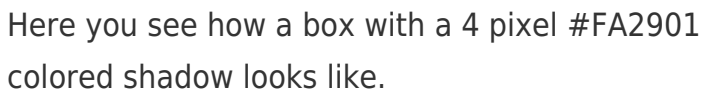
```
.border, #border, table{ border:4px solid
#FA2901 }
```

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

```
.border{ border-color:#FA2901 }
```

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

Here you see how a box with a 4 pixel #FA2901 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA2901; -webkit-box-shadow:4px 4px  
4px 4px #FA2901; box-shadow:4px 4px 4px  
4px #FA2901 }
```

Background

The CSS property to change the background color of an element to Hex FA2901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA2901 }
```

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

```
.background{ background-color:#FA2901 }
```

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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