

Converting Colors

Hex(F33A00)

Have a look what the booklet for
Hex(F33A00) contains.

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Color

Hex(F33A00)

Conversions

Conversions Part 1

Format	Color
Hex	F33A00
RGB	243, 58, 0
RGB Percent	95%, 23%, 0%
CMY	0.0471, 0.7725, 1.0000
CMYK	0.00, 0.76, 1.00, 0.05
HSL	14°, 100%, 48%
HSV	14°, 100%, 95%
XYZ	38.4752, 22.0808, 2.2342
YIQ	106.7030, 128.8780, 21.1820

Conversions

Conversions Part 2

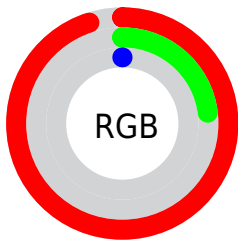
Format	Color
R_{YB}	243, 76, 0
Decimal	15940096
CIE _{Lab}	54.11, 67.66, 66.13
CIE _{LCh}	54, 94.611, 44.344
Yxy	22.0808, 0.6128, 0.3517
Android (android.graphics.Color)	4294130176 (0xFFFF33A00)
YUV	106.7030, -52.6046, 119.5325
Hunter-Lab	46.9902, 63.9215, 30.0742

Details

The Hex color **F33A00** 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 **00B9F3**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF773D**, and **B10000** is the 20% darker color. If you saturate the color by 10%, you get **F33A00**, and if you desaturate by 10%, it is **F34C18**.

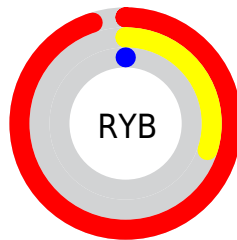
Distribution



Red (95%)

Green (23%)

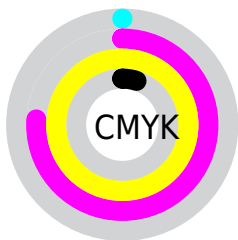
Blue (0%)



Red (95%)

Yellow (30%)

Blue (0%)

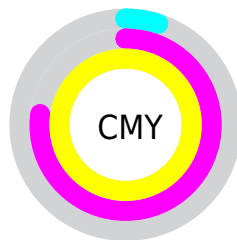


Cyan (0%)

Magenta (76%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (77%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F33A00 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 F33A00 by changing the saturation by 10% instead.

 F33A00

 F33A00

FFFFFFD

 D20E00

 FF773D

 B10000

 FF9457

 900000

 FFB171

 700000

 FFCE8C

 520002

 FFECA7

 340002

 FFFFC3

 000000

 FFFFEO

 F33A00

 F34C18

 F35F31

 F37249

 F38461

 F39679

 F3A992

 F3BBAA

 F3CEC2

 F3E0DB

Harmonies

Analogous

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



FF005F



F33A00



C06E00

Triad

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



F33A00



00A052



007FFF

Complementary

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



F33A00



00B9F3

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.



0098FF



F33A00



00A2A8

Square

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



F33A00



009900



00A1F4



B152F8

Rectangle

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



F33A00



938200



00A1F4



008AFF

Sweetspot

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



F33A00



FFC5B3



F300BA



805D52



000000



808080

Same Dimension

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



F33A00



FF3D00



F3B200



7A716E



BA2C00



3B0E00

Inverse Universe

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



00B9F3



00C2FF



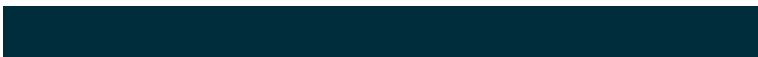
0041F3



6E777A



008EBA



002D3B

Previews

White Background



This preview shows how the Hex color F33A00 looks on a white background.

Color Contrast Check

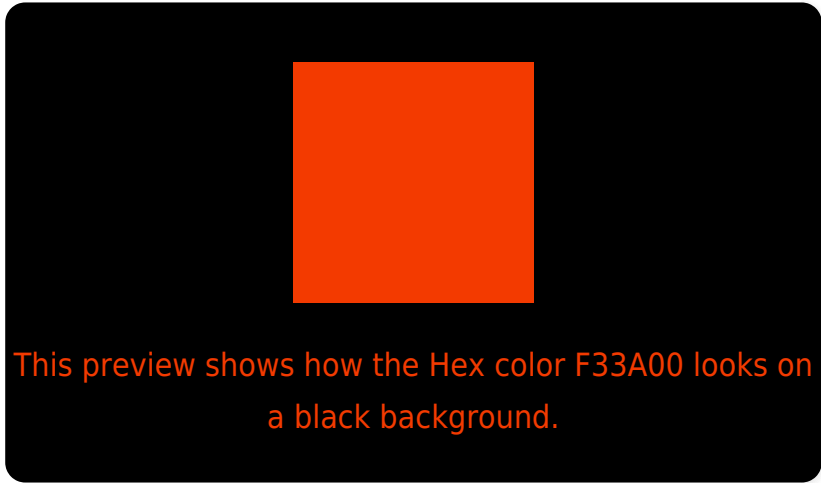
Large Text (above 18pt) WCAG AA ✓ Pass

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 F33A00 Background



This preview shows how black text looks on a background with the Hex color F33A00.



This preview shows how white text looks on a background with the Hex color F33A00.

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
F33A00

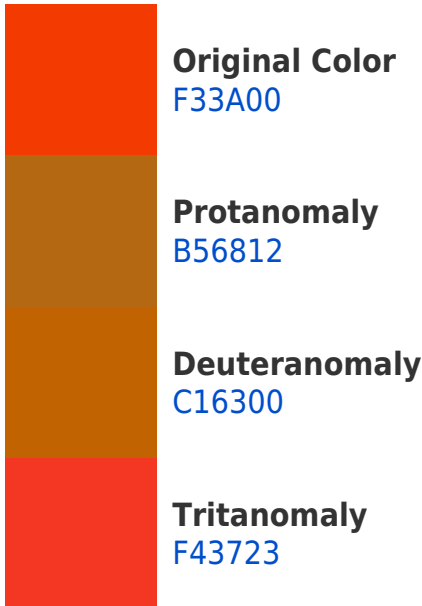
Protanopia
92821C

Deuteranopia
A47B00



Tritanopia
F43637

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F33A00 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 #F33A00 looks like.

```
.text, #text, p{  
    color:#F33A00  
}
```

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 #F33A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F33A00
}
```

Border

The CSS property to change the border of an element to Hex F33A00 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
#F33A00 }
```

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

```
.border{ border-color:#F33A00 }
```

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

Here you see how a box with a 4 pixel #F33A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F33A00; -webkit-box-shadow:4px 4px  
4px 4px #F33A00; box-shadow:4px 4px 4px  
4px #F33A00 }
```

Background

The CSS property to change the background color of an element to Hex F33A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F33A00 }
```

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

```
.background{ background-color:#F33A00 }
```

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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