

# Converting Colors

Hex(F3300C)

Have a look what the booklet for  
Hex(F3300C) contains.

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**Color**

**Hex(F3300C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3300C
RGB	243, 48, 12
RGB Percent	95%, 19%, 5%
CMY	0.0471, 0.8118, 0.9529
CMYK	0.00, 0.80, 0.95, 0.05
HSL	9°, 91%, 50%
HSV	9°, 95%, 95%
XYZ	38.0855, 21.1951, 2.4316
YIQ	102.2010, 127.7760, 30.1440

# Conversions

## Conversions Part 2

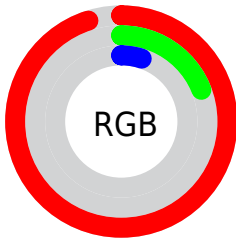
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	243, 55, 12
Decimal	15937548
CIE Lab	53.16, 70.50, 62.92
CIE LCh	53, 94.501, 41.748
Yxy	21.1951, 0.6171, 0.3435
Android (android.graphics.Color)	4294127628 (0xFFFF3300C)
YUV	102.2010, -44.4691, 123.4807
Hunter-Lab	46.0382, 67.0988, 29.0952

# Details

The Hex color **F3300C** 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 **0CCFF3**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF7042**, and **B10000** is the 20% darker color. If you saturate the color by 10%, you get **F32600**, and if you desaturate by 10%, it is **F34524**.

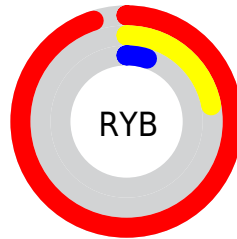
# Distribution



Red (95%)

Green (19%)

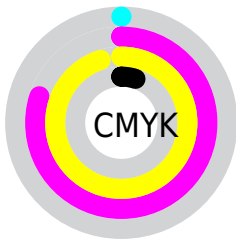
Blue (5%)



Red (95%)

Yellow (22%)

Blue (5%)

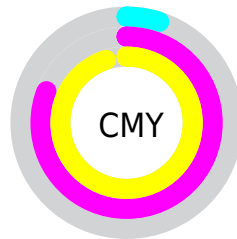


Cyan (0%)

Magenta (80%)

Yellow (95%)

Black (5%)



Cyan (5%)

Magenta (81%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F3300C 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 F3300C by changing the saturation by 10% instead.



 F3300C

 F3300C

FFFFFF

 D20000

 FF7042

 B10000

 FF8E5C

 900000

 FFAB76

 700000

 FFC990

 510003

 FFE6AB

 330002

 FFFFC7

 000000

 FFFFE4

 F3300C

 F3300C

 F32600

 F34524

 F3593D

 F36E55

 F3826D

 F39785

 F3AB9E

 F3C0B6

 F3D4CE

 F3E9E7

# Harmonies

## Analogous

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



FF0063



F3300C



C26800

# Triad

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



F3300C



009D48



0080FF

# Complementary

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



F3300C



0CCFF3

# 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.



0096FF



F3300C



009F9E

# Square

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



F3300C



009500



009FEB



A454FA

# Rectangle

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



F3300C



977E00



009FEB



0089FF



# Sweetspot

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



F3300C



FFC1B5



F30CD0



805A53



000000



808080



# Same Dimension

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



F3300C



FF2800



F3A20C



7A706E



BA1D00



3B0900

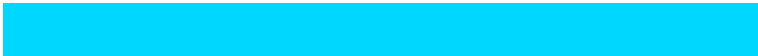


# Inverse Universe

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



0CCFF3



00D7FF



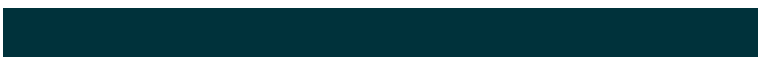
0C5DF3



6E787A



009DBA



00323B



# Previews

## White Background



This preview shows how the Hex color F3300C looks on a white background.

## Color Contrast Check

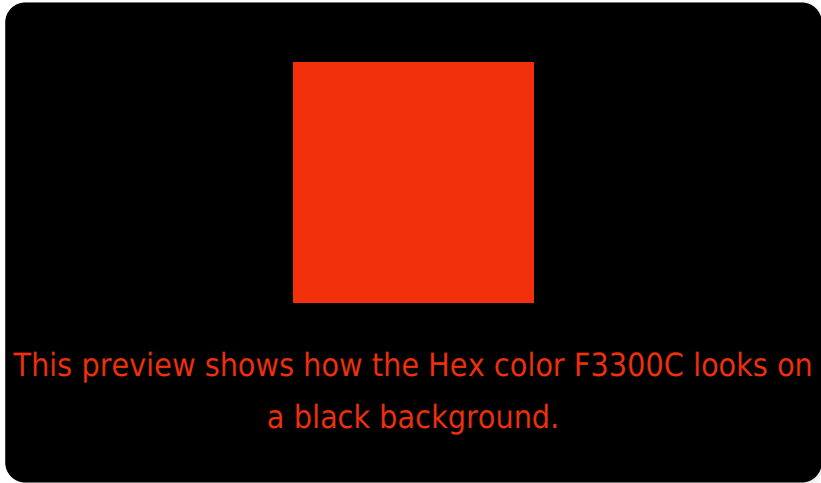
Large Text (above 18pt) WCAG AA ✓ Pass

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 F3300C Background



This preview shows how black text looks on a background with the Hex color F3300C.



This preview shows how white text looks on a background with the Hex color F3300C.

# 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**  
F3300C

**Protanopia**  
8F8021

**Deuteranopia**  
A17900



**Tritanopia**  
F32D2C

# Trichromacy



**Original Color**  
F3300C

**Protanomaly**  
B36319

**Deuteranomaly**  
BF5E04

**Tritanomaly**  
F32E20

# Monochromacy



**Original Color**  
F3300C

**Achromatopsia**  
666666

**Achromatomaly**  
995245

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F3300C 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 #F3300C looks like.

```
.text, #text, p{  
    color:#F3300C  
}
```

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 #F3300C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3300C
}
```

## Border

The CSS property to change the border of an element to Hex F3300C is called "border". The border property can be set on classes, ids or directly on the HTML element.

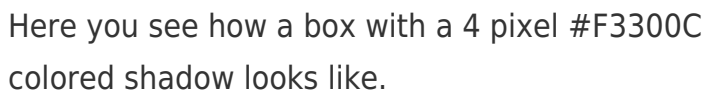
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F3300C }
```

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

```
.border{ border-color:#F3300C }
```

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



Here you see how a box with a 4 pixel #F3300C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3300C; -webkit-box-shadow:4px 4px  
4px 4px #F3300C; box-shadow:4px 4px 4px  
4px #F3300C }
```

# Background

The CSS property to change the background color of an element to Hex F3300C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3300C }
```

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

```
.background{ background-color:#F3300C }
```

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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