

Converting Colors

Hex(F33C11)

Have a look what the booklet for
Hex(F33C11) contains.

Hex(F33C11)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F33C11)

Conversions

Conversions Part 1

Format	Color
Hex	F33C11
RGB	243, 60, 17
RGB Percent	95%, 24%, 7%
CMY	0.0471, 0.7647, 0.9333
CMYK	0.00, 0.75, 0.93, 0.05
HSL	11°, 90%, 51%
HSV	11°, 93%, 95%
XYZ	38.6792, 22.3269, 2.8012
YIQ	109.8150, 122.8710, 25.4230

Conversions

Conversions Part 2

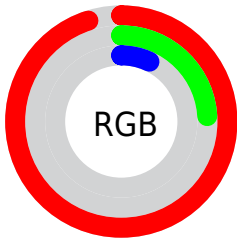
Format	Color
R_{YB}	243, 70, 17
Decimal	15940625
CIE Lab	54.37, 67.20, 62.29
CIE LCh	54, 91.626, 42.830
Yxy	22.3269, 0.6062, 0.3499
Android (android.graphics.Color)	4294130705 (0xFFFF33C11)
YUV	109.8150, -45.7578, 116.8032
Hunter-Lab	47.2513, 63.4275, 29.5610

Details

The Hex color **F33C11** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **11C8F3**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF7946**, and **B10000** is the 20% darker color. If you saturate the color by 10%, you get **F32E00**, and if you desaturate by 10%, it is **F35029**.

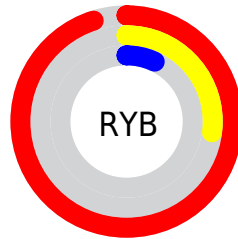
Distribution



Red (95%)

Green (24%)

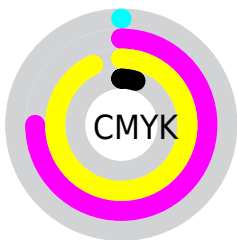
Blue (7%)



Red (95%)

Yellow (27%)

Blue (7%)

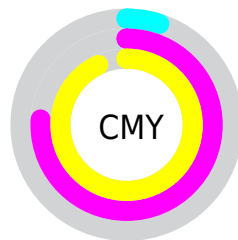


Cyan (0%)

Magenta (75%)

Yellow (93%)

Black (5%)



Cyan (5%)

Magenta (76%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color F33C11 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 F33C11 by changing the saturation by 10% instead.

 F33C11

 F33C11

FFFFFF

 D21200

 FF7946

 B10000

 FF9660

 910000

 FFB37A

 710000

 FFD094

 520002

 FFEEB0

 340002

 FFFFCC

 000000

 FFFF8

 F33C11

 F33C11

 F32E00

 F35029

 F36342

 F3775A

 F38B72

 F39E8B

 F3B2A3

 F3C6BB

 F3D9D3

 F3EDEC

Harmonies

Analogous

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



FF0064



F33C11



C36D00

Triad

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



F33C11



00A050



0082FF

Complementary

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



F33C11



11C8F3

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



F33C11



00A2A3

Square

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



F33C11



009900



00A1ED



AB58F8

Rectangle

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



F33C11



988200



00A1ED



008BFF

Sweetspot

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



F33C11



FFC5B8



F311CA



805C54



000000



808080

Same Dimension

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



F33C11



FF3100



F3AB11



7A706E



BA2300



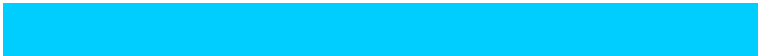
3B0B00

Inverse Universe

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



11C8F3



00CEFF



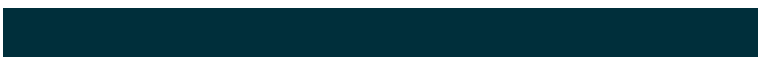
1159F3



6E787A



0097BA



002F3B

Previews

White Background



This preview shows how the Hex color F33C11 looks on a white background.

Color Contrast Check

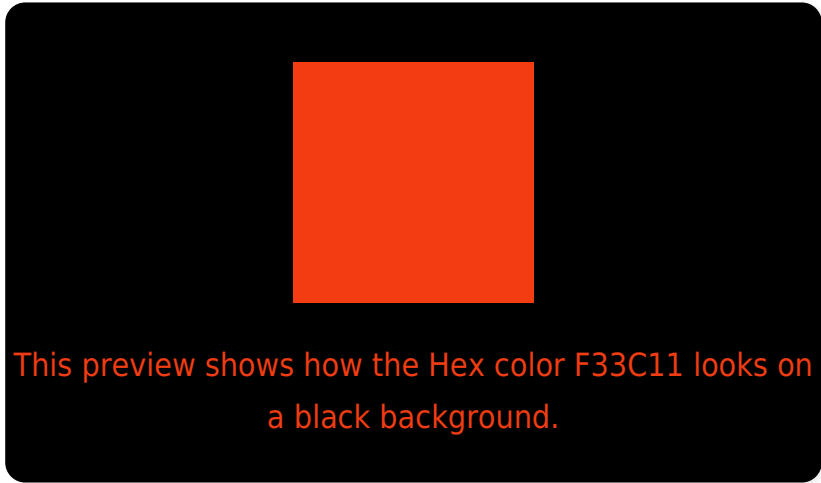
Large Text (above 18pt) WCAG AA ✓ Pass

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 F33C11 Background



This preview shows how black text looks on a background with the Hex color F33C11.



This preview shows how white text looks on a background with the Hex color F33C11.

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
F33C11

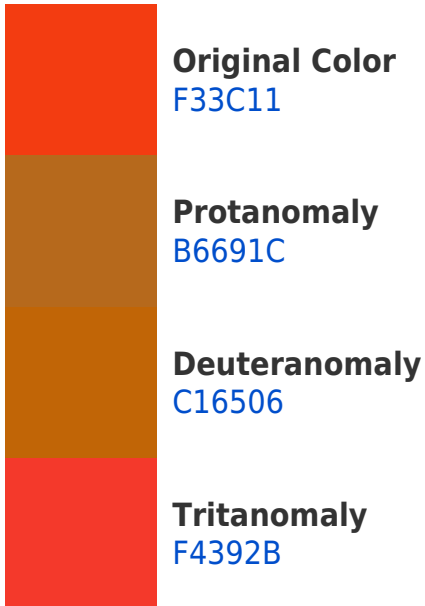
Protanopia
938323

Deuteranopia
A57C00

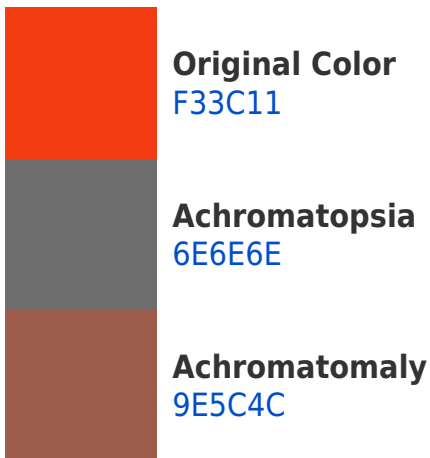


Tritanopia
F4383A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F33C11 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 #F33C11 looks like.

```
.text, #text, p{  
    color:#F33C11  
}
```

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 #F33C11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F33C11
}
```

Border

The CSS property to change the border of an element to Hex F33C11 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
#F33C11 }
```

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

```
.border{ border-color:#F33C11 }
```

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

Here you see how a box with a 4 pixel #F33C11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F33C11; -webkit-box-shadow:4px 4px  
4px 4px #F33C11; box-shadow:4px 4px 4px  
4px #F33C11 }
```

Background

The CSS property to change the background color of an element to Hex F33C11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F33C11 }
```

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

```
.background{ background-color:#F33C11 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor