

Converting Colors

Hex(F30011)

Have a look what the booklet for
Hex(F30011) contains.

Hex(F30011)	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(F30011)

Conversions

Conversions Part 1

Format	Color
Hex	F30011
RGB	243, 0, 17
RGB Percent	95%, 0%, 7%
CMY	0.0471, 1.0000, 0.9333
CMYK	0.00, 1.00, 0.93, 0.05
HSL	356°, 100%, 48%
HSV	356°, 100%, 95%
XYZ	37.0633, 19.0952, 2.2626
YIQ	74.5950, 139.3710, 56.8030

Conversions

Conversions Part 2

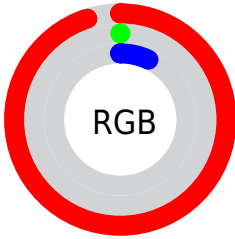
Format	Color
R_{YB}	243, 0, 17
Decimal	15925265
CIE _{Lab}	50.80, 77.37, 60.18
CIE _{LCh}	51, 98.019, 37.880
Yxy	19.0952, 0.6344, 0.3269
Android (android.graphics.Color)	4294115345 (0xFFFF30011)
YUV	74.5950, -28.3943, 147.6912
Hunter-Lab	43.6980, 74.9268, 27.5187

Details

The Hex color **F30011** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **00F3E2**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FF5E43**, and **B00000** is the 20% darker color. If you saturate the color by 10%, you get **F30011**, and if you desaturate by 10%, it is **F31828**.

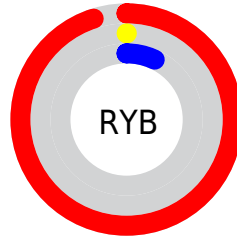
Distribution



Red (95%)

Green (0%)

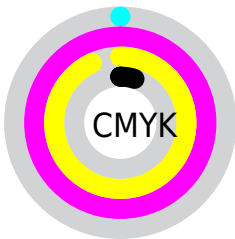
Blue (7%)



Red (95%)

Yellow (0%)

Blue (7%)

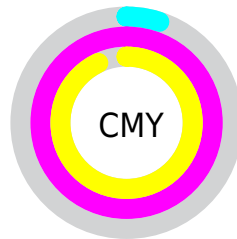


Cyan (0%)

Magenta (100%)

Yellow (93%)

Black (5%)



Cyan (5%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color F30011 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 F30011 by changing the saturation by 10% instead.

 F30011

 F30011

FFFFFF

 D10000

 FF5E43

 B00000

 FF7D5C

 8F0000

 FF9B76

 6F0002

 FFB990

 510004

 FFD8AB

 300002

 FFF6C7

 000000

 FFFFE3

 F30011

 F31828

 F3313E

 F34955

 F3616B

 F37982

 F39299

 F3AAAF

 F3C2C6

 F3DBDC

Harmonies

Analogous

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



FF0067



F30011



C45B00

Triad

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



F30011



009633



007FFF

Complementary

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



F30011



00F3E2

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.



0093FF



F30011



00998E

Square

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



F30011



008E00



0099DF



8C54FF

Rectangle

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



F30011



997400



0099DF



0087FF

Sweetspot

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



F30011



FFB3B8



DF00F3



805255



000000



808080

Same Dimension

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



F30011



FF0012



F36500



7A6E6F



BA000D



3B0004

Inverse Universe

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



F30011



FF0012



008EF3



7A6E6F



BA000D



3B0004

Previews

White Background



This preview shows how the Hex color F30011 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 F30011 Background



This preview shows how black text looks on a background with the Hex color F30011.



This preview shows how white text looks on a background with the Hex color F30011.

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
F30011

Protanopia
897B27

Deuteranopia
9B7400



Tritanopia
F11600

Trichromacy



Original Color
F30011



Protanomaly
B04E1F



Deuteranomaly
BB4A06



Tritanomaly
F20E06

Monochromacy



Original Color
F30011



Achromatopsia
4B4B4B



Achromatomaly
883036

CSS Examples

Text

The CSS property to change the color of the text to Hex F30011 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 #F30011 looks like.

```
.text, #text, p{  
    color:#F30011  
}
```

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 #F30011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F30011
}
```

Border

The CSS property to change the border of an element to Hex F30011 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".

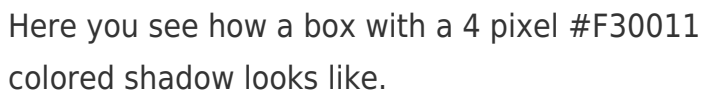
```
.border, #border, table{ border:4px solid
#F30011 }
```

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

```
.border{ border-color:#F30011 }
```

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

Here you see how a box with a 4 pixel #F30011 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F30011; -webkit-box-shadow:4px 4px  
4px 4px #F30011; box-shadow:4px 4px 4px  
4px #F30011 }
```

Background

The CSS property to change the background color of an element to Hex F30011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F30011 }
```

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

```
.background{ background-color:#F30011 }
```

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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