

Converting Colors

Hex(F30000)

Have a look what the booklet for
Hex(F30000) contains.

Hex(F30000)	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(F30000)

Conversions

Conversions Part 1

Format	Color
Hex	F30000
RGB	243, 0, 0
RGB Percent	95%, 0%, 0%
CMY	0.0471, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.05
HSL	0°, 100%, 48%
HSV	0°, 100%, 95%
XYZ	36.9621, 19.0547, 1.7298
YIQ	72.6570, 144.8280, 51.5160

Conversions

Conversions Part 2

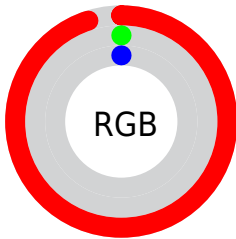
Format	Color
RYB	243, 0, 0
Decimal	15925248
CIELab	50.75, 77.24, 64.81
CIELCh	51, 100.827, 40.000
Yxy	19.0547, 0.6401, 0.3300
Android (android.graphics.Color)	4294115328 (0xFFFF30000)
YUV	72.6570, -35.8199, 149.3908
Hunter-Lab	43.6517, 74.7548, 28.2067

Details

The Hex color **F30000** 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 **00F3F3**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **FF5E39**, and **B00000** is the 20% darker color. If you saturate the color by 10%, you get **F30000**, and if you desaturate by 10%, it is **F31818**.

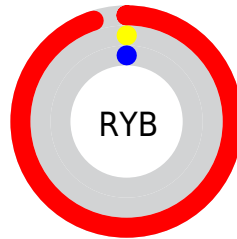
Distribution



Red (95%)

Green (0%)

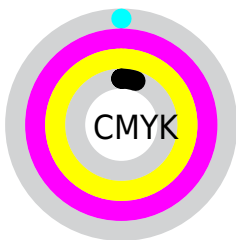
Blue (0%)



Red (95%)

Yellow (0%)

Blue (0%)

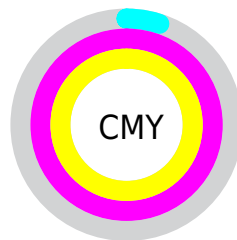


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F30000 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 F30000 by changing the saturation by 10% instead.

 F30000

 F30000

 FFFFFFF6

 D10000

 FF5E39

 B00000

 FF7D53

 8F0000

 FF9B6C

 6E0002

 FFB987

 500004

 FFD7A2

 300002

 FFF6BD

 000000

 FFFFDA

 F30000

 F31818

 F33131

 F34949

 F36161

 F37979

 F39292

 F3AAAA

 F3C2C2

 F3DBDB

Harmonies

Analogous

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



FF0061



F30000



C15E00

Triad

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



F30000



009738



007DFF

Complementary

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



F30000



00F3F3

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



F30000



009A95

Square

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



F30000



008F00



009AE7



964DFF

Rectangle

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



F30000



947600



009AE7



0086FF

Sweetspot

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



F30000



FFB3B3



F300F3



805252



000000



808080

Same Dimension

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



F30000



FF0000



F37900



7A6E6E



BA0000



3B0000

Inverse Universe

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



00F3F3



00FFFF



0079F3



6E7A7A



00BABA



003B3B

Previews

White Background



This preview shows how the Hex color F30000 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 F30000 Background



This preview shows how black text looks on a background with the Hex color F30000.



This preview shows how white text looks on a background with the Hex color F30000.

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
F30000

Protanopia
8A7B1F

Deuteranopia
9A7400



Tritanopia
F11700

Trichromacy



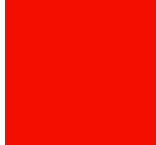
Original Color
F30000



Protanomaly
B04E14



Deuteranomaly
BA4A00



Tritanomaly
F20F00

Monochromacy



Original Color
F30000



Achromatopsia
494949



Achromatomaly
872E2E

CSS Examples

Text

The CSS property to change the color of the text to Hex F30000 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 #F30000 looks like.

```
.text, #text, p{  
    color:#F30000  
}
```

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 #F30000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F30000
}
```

Border

The CSS property to change the border of an element to Hex F30000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

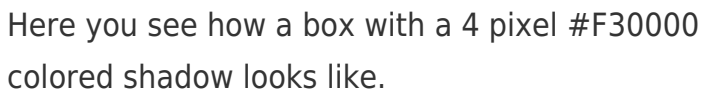
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F30000 }
```

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

```
.border{ border-color:#F30000 }
```

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



Here you see how a box with a 4 pixel #F30000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F30000; -webkit-box-shadow:4px 4px  
4px 4px #F30000; box-shadow:4px 4px 4px  
4px #F30000 }
```

Background

The CSS property to change the background color of an element to Hex F30000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F30000 }
```

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

```
.background{ background-color:#F30000 }
```

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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