

Converting Colors

Hex(F30017)

Have a look what the booklet for
Hex(F30017) contains.

Hex(F30017)	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(F30017)

Conversions

Conversions Part 1

Format	Color
Hex	F30017
RGB	243, 0, 23
RGB Percent	95%, 0%, 9%
CMY	0.0471, 1.0000, 0.9098
CMYK	0.00, 1.00, 0.91, 0.05
HSL	354°, 100%, 48%
HSV	354°, 100%, 95%
XYZ	37.1168, 19.1165, 2.5442
YIQ	75.2790, 137.4450, 58.6690

Conversions

Conversions Part 2

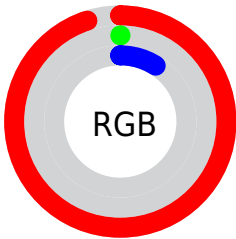
Format	Color
R_{YB}	243, 0, 23
Decimal	15925271
CIE Lab	50.82, 77.43, 58.03
CIE LCh	51, 96.769, 36.850
Yxy	19.1165, 0.6315, 0.3252
Android (android.graphics.Color)	4294115351 (0xFFFF30017)
YUV	75.2790, -25.7735, 147.0913
Hunter-Lab	43.7225, 75.0176, 27.1557

Details

The Hex color **F30017** 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 **00F3DC**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FF5E48**, and **B00000** is the 20% darker color. If you saturate the color by 10%, you get **F30017**, and if you desaturate by 10%, it is **F3182D**.

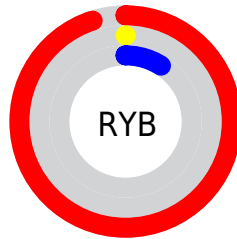
Distribution



Red (95%)

Green (0%)

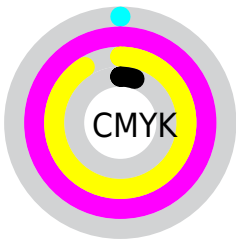
Blue (9%)



Red (95%)

Yellow (0%)

Blue (9%)

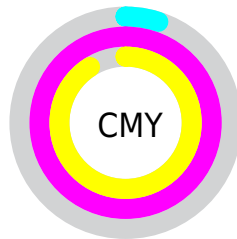


Cyan (0%)

Magenta (100%)

Yellow (91%)

Black (5%)



Cyan (5%)

Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color F30017 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 F30017 by changing the saturation by 10% instead.

 F30017

 F30017

FFFFFF

 D10000

 FF5E48

 B00000

 FF7D61

 8F0000

 FF9B7A

 6F0002

 FFB995

 510004

 FFD8B0

 300002

 FFF6CC

 000000

 FFFFE8

 F30017

 F3182D

 F33143

 F34959

 F3616F

 F37985

 F3929B

 F3AAB1

 F3C2C7

 F3DBDD

Harmonies

Analogous

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



FF006A



F30017



C55A00

Triad

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



F30017



009631



007FFF

Complementary

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



F30017



00F3DC

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



F30017



00998B

Square

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



F30017



088E00



0099DC



8756FF

Rectangle

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



F30017



9B7300



0099DC



0088FF

Sweetspot

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



F30017



FFB3BA



DB00F3



805256



000000



808080

Same Dimension

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



F30017



FF0018



F36100



7A6E6F



BA0012



3B0006

Inverse Universe

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



F30017



FF0018



0092F3



7A6E6F



BA0012



3B0006

Previews

White Background



This preview shows how the Hex color F30017 looks on a white background.

Color Contrast Check

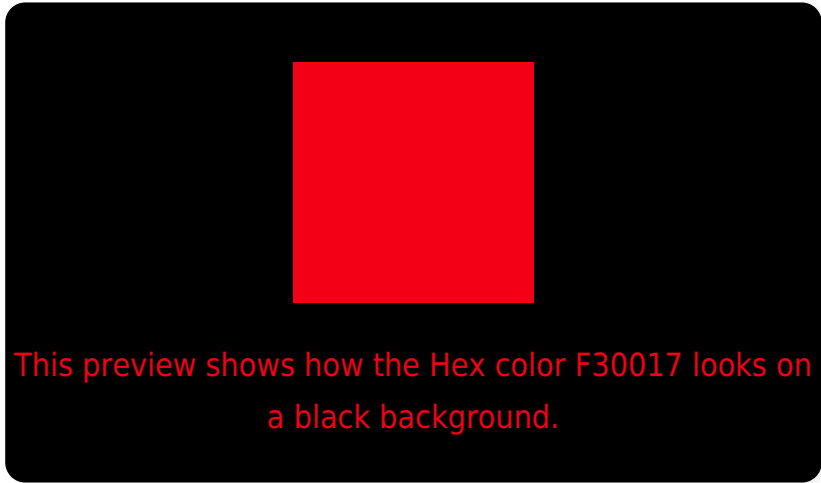
Large Text (above 18pt) WCAG AA ✓ Pass

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 F30017 Background



This preview shows how black text looks on a background with the Hex color F30017.



This preview shows how white text looks on a background with the Hex color F30017.

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
F30017

Protanopia
897B2C

Deuteranopia
9B7400



Tritanopia
F11600

Trichromacy



Original Color
F30017



Protanomaly
B04E24



Deuteranomaly
BB4A08



Tritanomaly
F20E08

Monochromacy



Original Color
F30017



Achromatopsia
4B4B4B



Achromatomaly
883038

CSS Examples

Text

The CSS property to change the color of the text to Hex F30017 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 #F30017 looks like.

```
.text, #text, p{  
    color:#F30017  
}
```

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 #F30017 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F30017 }  
}
```

Border

The CSS property to change the border of an element to Hex F30017 is called "border". The border property can be set on classes, ids or directly on the HTML element.

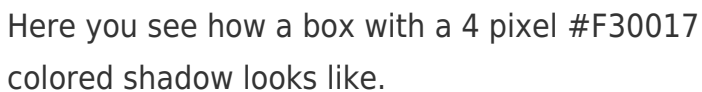
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #F30017 }  
}
```

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

```
.border{ border-color:#F30017 }
```

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



Here you see how a box with a 4 pixel #F30017 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F30017; -webkit-box-shadow:4px 4px  
4px 4px #F30017; box-shadow:4px 4px 4px  
4px #F30017 }
```

Background

The CSS property to change the background color of an element to Hex F30017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F30017 }
```

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

```
.background{ background-color:#F30017 }
```

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