

Converting Colors

Hex(FA1700)

Have a look what the booklet for
Hex(FA1700) contains.

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Color

Hex(FA1700)

Conversions

Conversions Part 1

Format	Color
Hex	FA1700
RGB	250, 23, 0
RGB Percent	98%, 9%, 0%
CMY	0.0196, 0.9098, 1.0000
CMYK	0.00, 0.91, 1.00, 0.02
HSL	6°, 100%, 49%
HSV	6°, 100%, 98%
XYZ	39.7307, 20.9368, 1.9472
YIQ	88.2510, 142.6750, 40.9710

Conversions

Conversions Part 2

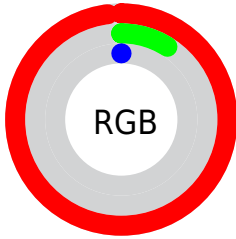
Format	Color
RYB	250, 25, 0
Decimal	16389888
CIELab	52.88, 76.95, 66.46
CIELCh	53, 101.679, 40.814
Yxy	20.9368, 0.6345, 0.3344
Android (android.graphics.Color)	4294579968 (0xFFFA1700)
YUV	88.2510, -43.5077, 141.8539
Hunter-Lab	45.7567, 74.9179, 29.5066

Details

The Hex color **FA1700** 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 **00E3FA**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF653B**, and **B70000** is the 20% darker color. If you saturate the color by 10%, you get **FA1700**, and if you desaturate by 10%, it is **FA2E19**.

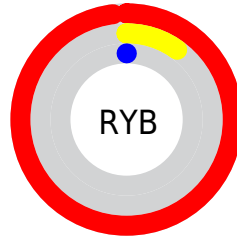
Distribution



Red (98%)

Green (9%)

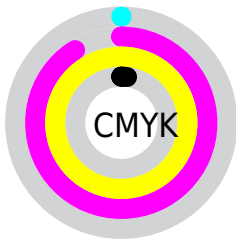
Blue (0%)



Red (98%)

Yellow (10%)

Blue (0%)

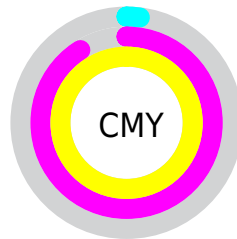


Cyan (0%)

Magenta (91%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (91%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FA1700 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 FA1700 by changing the saturation by 10% instead.

 FA1700

 FA1700

 FFFFFFF9

 D80000

 FF653B

 B70000

 FF8454

 950000

 FFA26E

 750001

 FFC089

 560003

 FFDEA4

 370002

 FFFCC0

 080000

 FFFFDC

 000000

 FA1700

 FA2E19

 FA4432

 FA5B4B

 FA7264

 FA897D

 FA9F96

 FAB6AF

 FACDC8

 FAE3E1

Harmonies

Analogous

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



FF0064



FA1700



C66400

Triad

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



FA1700



009D3F



0081FF

Complementary

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



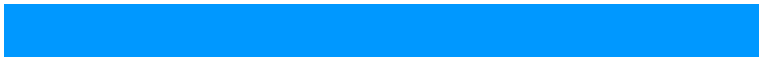
FA1700



00E3FA

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



FA1700



00A09D

Square

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



FA1700



009600



00A0F1



A051FF

Rectangle

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



FA1700



987C00



00A0F1



008BFF

Sweetspot

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



FA1700



FFBAB3



FA00E5



805652



000000



808080

Same Dimension

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



FA1700



FF1700



FA9200



7D7270



BD1100



3D0600

Inverse Universe

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



00E3FA



00E8FF



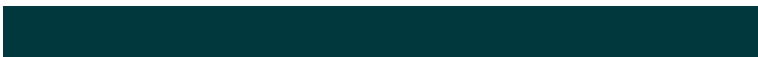
0068FA



707C7D



00ABB0



00383D

Previews

White Background



This preview shows how the Hex color FA1700 looks on a white background.

Color Contrast Check

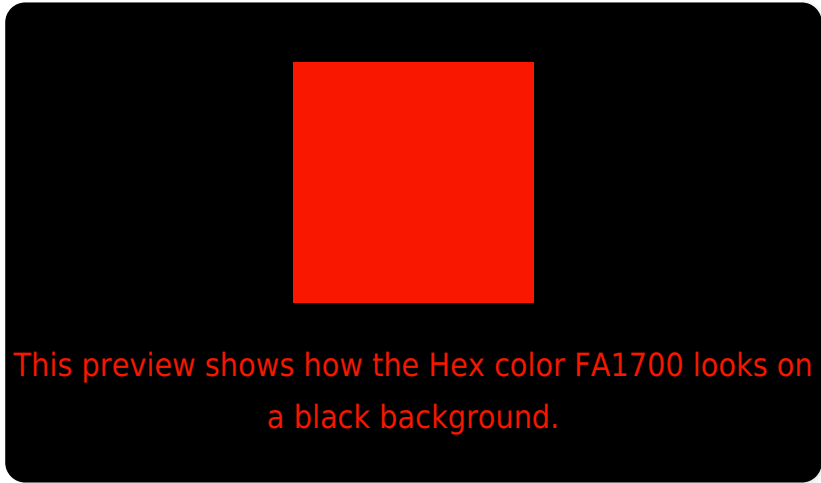
Large Text (above 18pt) WCAG AA ✓ Pass

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 FA1700 Background



This preview shows how black text looks on a background with the Hex color FA1700.

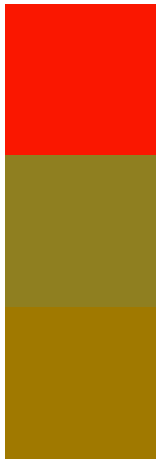


This preview shows how white text looks on a background with the Hex color FA1700.

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
FA1700

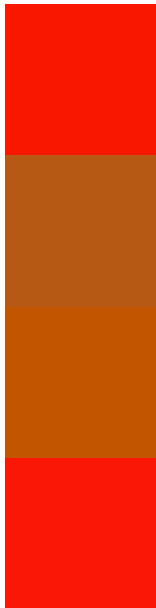
Protanopia
8F7F20

Deuteranopia
A07900



Tritanopia
FA1708

Trichromacy



Original Color
FA1700

Protanomaly
B65914

Deuteranomaly
C15500

Tritanomaly
FA1705

Monochromacy



Original Color
FA1700

Achromatopsia
585858

Achromatomaly
934038

CSS Examples

Text

The CSS property to change the color of the text to Hex FA1700 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 #FA1700 looks like.

```
.text, #text, p{  
    color:#FA1700  
}
```

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 #FA1700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA1700
}
```

Border

The CSS property to change the border of an element to Hex FA1700 is called "border". The border property can be set on classes, ids or directly on the HTML element.

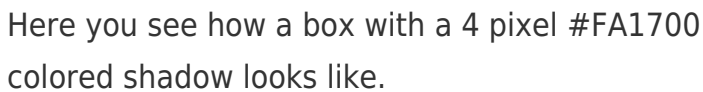
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FA1700 }
```

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

```
.border{ border-color:#FA1700 }
```

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



Here you see how a box with a 4 pixel `#FA1700` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA1700; -webkit-box-shadow:4px 4px  
4px 4px #FA1700; box-shadow:4px 4px 4px  
4px #FA1700 }
```

Background

The CSS property to change the background color of an element to Hex FA1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA1700 }
```

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

```
.background{ background-color:#FA1700 }
```

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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