

# Converting Colors

Hex(FA1705)

Have a look what the booklet for  
Hex(FA1705) contains.

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**Color**

**Hex(FA1705)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA1705
RGB	250, 23, 5
RGB Percent	98%, 9%, 2%
CMY	0.0196, 0.9098, 0.9804
CMYK	0.00, 0.91, 0.98, 0.02
HSL	4°, 96%, 50%
HSV	4°, 98%, 98%
XYZ	39.7581, 20.9477, 2.0914
YIQ	88.8210, 141.0700, 42.5260

# Conversions

## Conversions Part 2

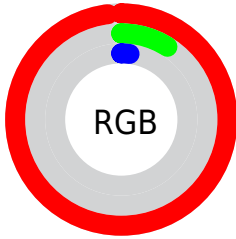
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 24, 5
Decimal	16389893
CIE Lab	52.89, 76.99, 65.22
CIE LCh	53, 100.899, 40.268
Yxy	20.9477, 0.6331, 0.3336
Android (android.graphics.Color)	4294579973 (0xFFFA1705)
YUV	88.8210, -41.3238, 141.3540
Hunter-Lab	45.7687, 74.9633, 29.3288

# Details

The Hex color **FA1705** 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 **05E8FA**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF653E**, and **B70000** is the 20% darker color. If you saturate the color by 10%, you get **FA1200**, and if you desaturate by 10%, it is **FA2E1E**.

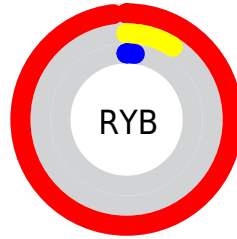
# Distribution



Red (98%)

Green (9%)

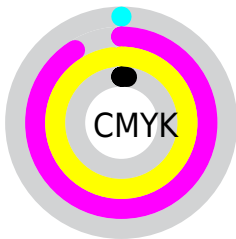
Blue (2%)



Red (98%)

Yellow (9%)

Blue (2%)

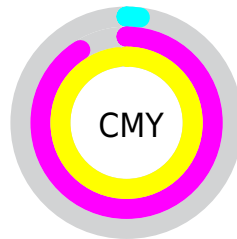


Cyan (0%)

Magenta (91%)

Yellow (98%)

Black (2%)



Cyan (2%)

Magenta (91%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FA1705 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 FA1705 by changing the saturation by 10% instead.



 FA1705

 FA1705

FFFFFFC

 D80000

 FF653E

 B70000

 FF8457

 960000

 FFA271

 750001

 FFC08B

 560003

 FFDEA7

 370002

 FFFCC2

 080000

 FFFFDF

 000000

 FA1705

 FA1705

■ FA1200

■ FA2E1E

■ FA4537

■ FA5C50

■ FA7469

■ FA8B82

■ FAA29B

■ FAB9B4

■ FAD0CD

■ FAE7E6

# Harmonies

## Analogous

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



FF0065



FA1705



C76300

# Triad

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



FA1705



009D3E



0082FF

# Complementary

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



FA1705



05E8FA

# 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



FA1705



00A09B

# Square

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



FA1705



009500



00A0EE



9D52FF

# Rectangle

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



FA1705



997C00



00A0EE



008BFF



# Sweetspot

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



FA1705



FFBAB5



FA05EA



805653



000000



808080



# Same Dimension

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



FA1705



FF1300



FA9005



7D7170



BD0E00



3D0400



# Inverse Universe

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



05E8FA



00ECFF



056FFA



707C7D



00AFBD

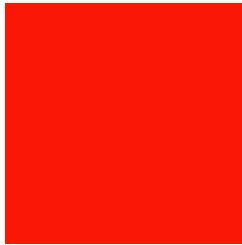


00393D



# Previews

## White Background



This preview shows how the Hex color FA1705 looks on a white background.

## Color Contrast Check

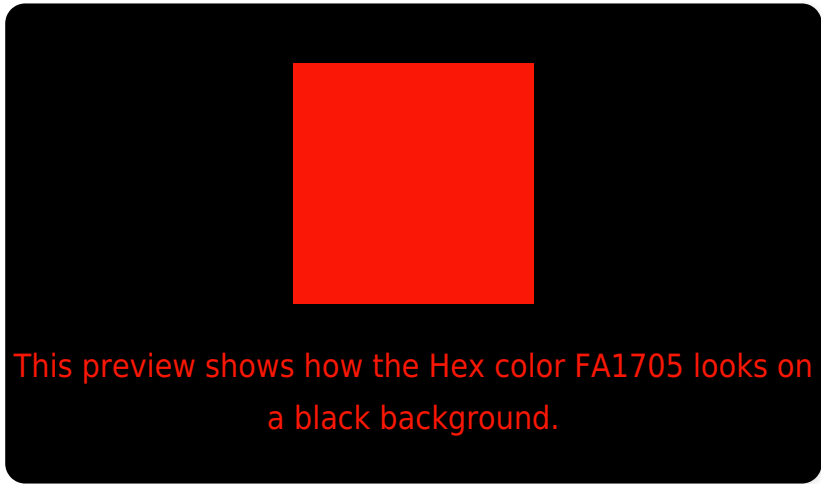
Large Text (above 18pt) WCAG AA ✓ Pass

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 FA1705 Background



This preview shows how black text looks on a background with the Hex color FA1705.

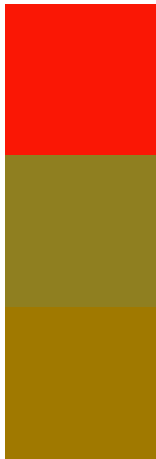


This preview shows how white text looks on a background with the Hex color FA1705.

# 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**  
FA1705

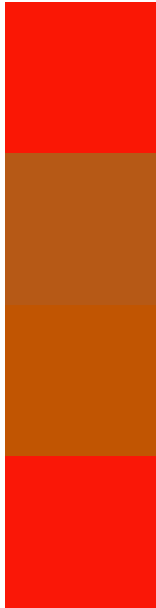
**Protanopia**  
8F7F20

**Deuteranopia**  
A07900



**Tritanopia**  
FA1708

# Trichromacy



**Original Color**  
FA1705

**Protanomaly**  
B65916

**Deuteranomaly**  
C15502

**Tritanomaly**  
FA1707

# Monochromacy



**Original Color**  
FA1705

**Achromatopsia**  
595959

**Achromatomaly**  
94413A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FA1705 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 #FA1705 looks like.

```
.text, #text, p{  
    color:#FA1705  
}
```

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 #FA1705 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA1705
}
```

## Border

The CSS property to change the border of an element to Hex FA1705 is called "border". The border property can be set on classes, ids or directly on the HTML element.

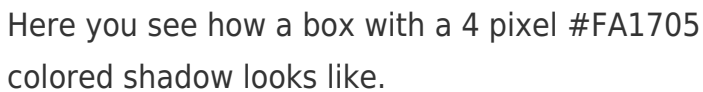
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FA1705 }
```

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

```
.border{ border-color:#FA1705 }
```

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



Here you see how a box with a 4 pixel `#FA1705` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA1705; -webkit-box-shadow:4px 4px  
4px 4px #FA1705; box-shadow:4px 4px 4px  
4px #FA1705 }
```

# Background

The CSS property to change the background color of an element to Hex FA1705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA1705 }
```

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

```
.background{ background-color:#FA1705 }
```

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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