

# Converting Colors

Hex(FA110C)

Have a look what the booklet for  
Hex(FA110C) contains.

<b>Hex(FA110C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(FA110C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FA110C
RGB	250, 17, 12
RGB Percent	98%, 7%, 5%
CMY	0.0196, 0.9333, 0.9529
CMYK	0.00, 0.93, 0.95, 0.02
HSL	1°, 96%, 51%
HSV	1°, 95%, 98%
XYZ	39.6912, 20.7514, 2.2613
YIQ	86.0970, 140.4730, 47.8410

# Conversions

## Conversions Part 2

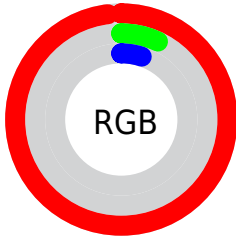
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 17, 12
Decimal	16388364
CIE <sub>Lab</sub>	52.68, 77.71, 63.43
CIE <sub>LCh</sub>	53, 100.311, 39.224
Yxy	20.7514, 0.6330, 0.3309
Android (android.graphics.Color)	4294578444 (0xFFFA110C)
YUV	86.0970, -36.5298, 143.7429
Hunter-Lab	45.5537, 75.8087, 28.9445

# Details

The Hex color **FA110C** 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 **0CF5FA**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF6341**, and **B70000** is the 20% darker color. If you saturate the color by 10%, you get **FA0500**, and if you desaturate by 10%, it is **FA2925**.

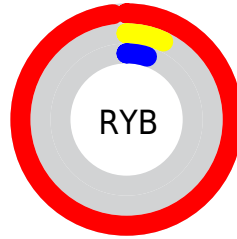
# Distribution



Red (98%)

Green (7%)

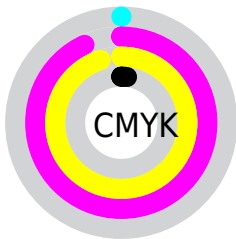
Blue (5%)



Red (98%)

Yellow (7%)

Blue (5%)

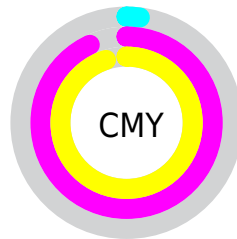


Cyan (0%)

Magenta (93%)

Yellow (95%)

Black (2%)



Cyan (2%)

Magenta (93%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FA110C 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 FA110C by changing the saturation by 10% instead.



 FA110C

 FA110C

FFFFFF

 D80000

 FF6341

 B70000

 FF825A

 960000

 FFA074

 750001

 FFBE8F

 560004

 FFDDAA

 370002

 FFFBC6

 080000

 FFFF2

 000000

 FA110C

 FA110C

■ FA0500

■ FA2925

■ FA423E

■ FA5A57

■ FA7370

■ FA8B89

■ FAA4A2

■ FABCB8

■ FAD5D4

■ FAEDED

# Harmonies

## Analogous

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



FF0068



FA110C



C86100

# Triad

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



FA110C



009C3A



0082FF

# Complementary

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



FA110C



0CF5FA

# 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



FA110C



009F97

# Square

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



FA110C



009400



009FEB



9854FF

# Rectangle

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



FA110C



9B7A00



009FEB



008BFF



# Sweetspot

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



FA110C



FFB7B5



FA0CF6



805453



000000



808080



# Same Dimension

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



FA110C



FF0500



FA870C



7D7170



BD0400



3D0100



# Inverse Universe

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



0CF5FA



00FAFF



0C7FFA



707D7D



00B9BD



003C3D



# Previews

## White Background



This preview shows how the Hex color FA110C looks on a white background.

## Color Contrast Check

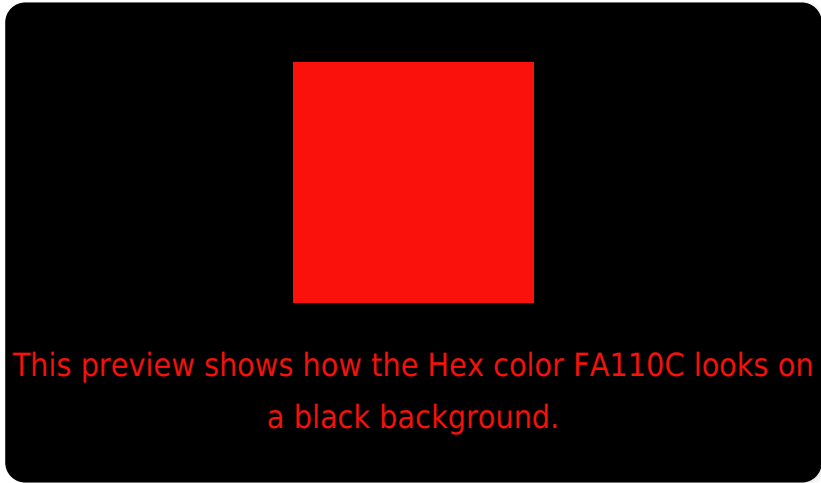
Large Text (above 18pt) WCAG AA ✓ Pass

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 FA110C Background



This preview shows how black text looks on a background with the Hex color FA110C.



This preview shows how white text looks on a background with the Hex color FA110C.

# 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**  
FA110C

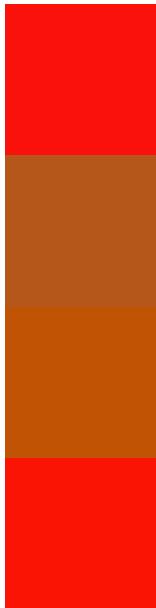
**Protanopia**  
8E7F24

**Deuteranopia**  
A07800



**Tritanopia**  
F91600

# Trichromacy



**Original Color**  
FA110C

**Protanomaly**  
B5571B

**Deuteranomaly**  
C15304

**Tritanomaly**  
F91404

# Monochromacy



**Original Color**  
FA110C

**Achromatopsia**  
565656

**Achromatomaly**  
923D3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FA110C 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 #FA110C looks like.

```
.text, #text, p{  
    color:#FA110C  
}
```

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 #FA110C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA110C
}
```

## Border

The CSS property to change the border of an element to Hex FA110C is called "border". The border property can be set on classes, ids or directly on the HTML element.

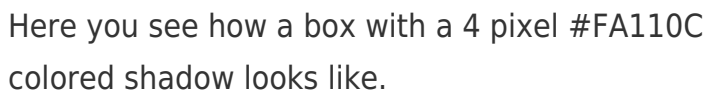
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FA110C }
```

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

```
.border{ border-color:#FA110C }
```

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



Here you see how a box with a 4 pixel `#FA110C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA110C; -webkit-box-shadow:4px 4px  
4px 4px #FA110C; box-shadow:4px 4px 4px  
4px #FA110C }
```

# Background

The CSS property to change the background color of an element to Hex FA110C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA110C }
```

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

```
.background{ background-color:#FA110C }
```

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**