

Converting Colors

Hex(FA170A)

Have a look what the booklet for
Hex(FA170A) contains.

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Color

Hex(FA170A)

Conversions

Conversions Part 1

Format	Color
Hex	FA170A
RGB	250, 23, 10
RGB Percent	98%, 9%, 4%
CMY	0.0196, 0.9098, 0.9608
CMYK	0.00, 0.91, 0.96, 0.02
HSL	3°, 96%, 51%
HSV	3°, 96%, 98%
XYZ	39.7855, 20.9587, 2.2357
YIQ	89.3910, 139.4650, 44.0810

Conversions

Conversions Part 2

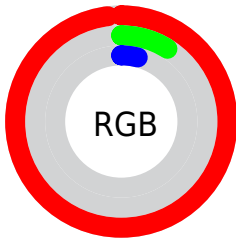
Format	Color
R_{YB}	250, 24, 10
Decimal	16389898
CIE _{Lab}	52.90, 77.02, 64.03
CIE _{LCh}	53, 100.164, 39.739
Yxy	20.9587, 0.6317, 0.3328
Android (android.graphics.Color)	4294579978 (0xFFFA170A)
YUV	89.3910, -39.1398, 140.8541
Hunter-Lab	45.7807, 75.0086, 29.1511

Details

The Hex color **FA170A** 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 **0AEDFA**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF6540**, and **B70000** is the 20% darker color. If you saturate the color by 10%, you get **FA0E00**, and if you desaturate by 10%, it is **FA2F23**.

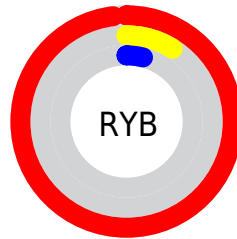
Distribution



Red (98%)

Green (9%)

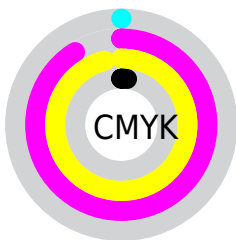
Blue (4%)



Red (98%)

Yellow (9%)

Blue (4%)

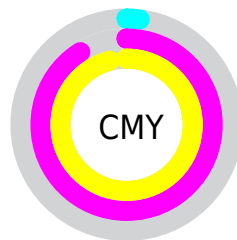


Cyan (0%)

Magenta (91%)

Yellow (96%)

Black (2%)



Cyan (2%)

Magenta (91%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color FA170A 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 FA170A by changing the saturation by 10% instead.

 FA170A

 FA170A

FFFFFFE

 D80000

 FF6540

 B70000

 FF845A

 960000

 FFA273

 750001

 FFC08E

 560003

 FFDEA9

 370002

 FFFDC5

 090000

 FFFFE1

 000000

 FA170A

 FA170A

 FA0E00

 FA2F23

 FA463C

 FA5E55

 FA766E

 FA8D87

 FAA5A0

 FABDB9

 FAD4D2

 FAECEB

Harmonies

Analogous

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



FF0067



FA170A



C86300

Triad

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



FA170A



009D3D



0082FF

Complementary

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



FA170A



0AEDFA

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



FA170A



00A099

Square

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



FA170A



009500



00A0EC



9B54FF

Rectangle

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



FA170A



9B7B00



00A0EC



008CFF

Sweetspot

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



FA170A



FFB9B5



FA0AEE



805553



000000



808080

Same Dimension

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



FA170A



FF0E00



FA8E0A



7D7170



BD0A00



3D0300

Inverse Universe

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



0AEDFA



00F1FF



0A76FA



707C7D



00B2BD



003A3D

Previews

White Background



This preview shows how the Hex color FA170A looks on a white background.

Color Contrast Check

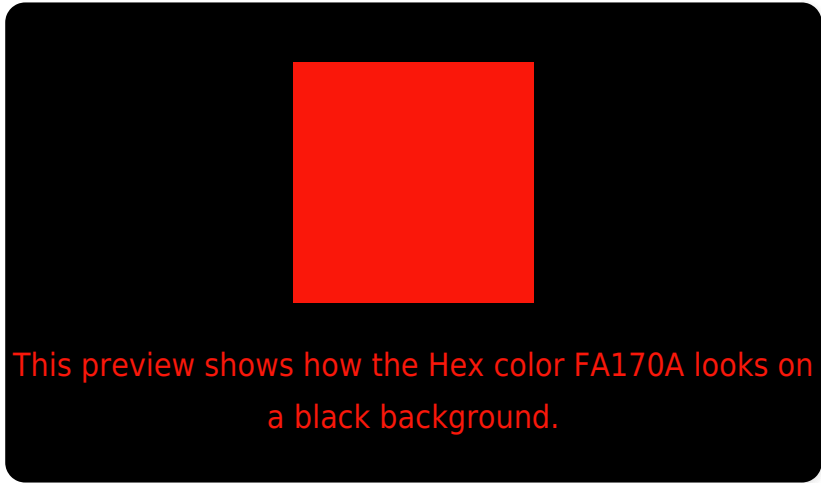
Large Text (above 18pt) WCAG AA ✓ Pass

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 FA170A Background



This preview shows how black text looks on a background with the Hex color FA170A.



This preview shows how white text looks on a background with the Hex color FA170A.

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
FA170A

Protanopia
8F7F22

Deuteranopia
A07900



Tritanopia
FA1709

Trichromacy



Original Color
FA170A

Protanomaly
B65919

Deuteranomaly
C15504

Tritanomaly
FA1709

Monochromacy



Original Color
FA170A

Achromatopsia
595959

Achromatomaly
94413C

CSS Examples

Text

The CSS property to change the color of the text to Hex FA170A 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 #FA170A looks like.

```
.text, #text, p{  
    color:#FA170A  
}
```

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 #FA170A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA170A
}
```

Border

The CSS property to change the border of an element to Hex FA170A 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".

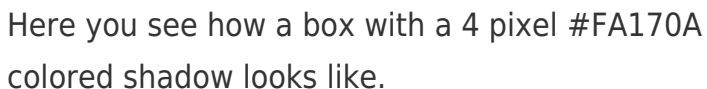
```
.border, #border, table{ border:4px solid
#FA170A }
```

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

```
.border{ border-color:#FA170A }
```

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

Here you see how a box with a 4 pixel #FA170A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA170A; -webkit-box-shadow:4px 4px  
4px 4px #FA170A; box-shadow:4px 4px 4px  
4px #FA170A }
```

Background

The CSS property to change the background color of an element to Hex FA170A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA170A }
```

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

```
.background{ background-color:#FA170A }
```

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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