

Converting Colors

Hex(F42E0B)

Have a look what the booklet for
Hex(F42E0B) contains.

Hex(F42E0B)	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(F42E0B)

Conversions

Conversions Part 1

Format	Color
Hex	F42E0B
RGB	244, 46, 11
RGB Percent	96%, 18%, 4%
CMY	0.0431, 0.8196, 0.9569
CMYK	0.00, 0.81, 0.95, 0.04
HSL	9°, 91%, 50%
HSV	9°, 95%, 96%
XYZ	38.3456, 21.2112, 2.3897
YIQ	101.2120, 129.2430, 31.0910

Conversions

Conversions Part 2

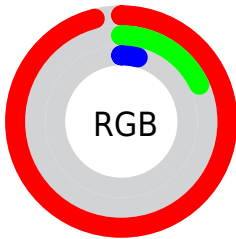
Format	Color
R_{YB}	244, 52, 11
Decimal	16002571
CIE Lab	53.18, 71.27, 63.28
CIE LCh	53, 95.306, 41.603
Yxy	21.2112, 0.6190, 0.3424
Android (android.graphics.Color)	4294192651 (0xFFFF42E0B)
YUV	101.2120, -44.4745, 125.2251
Hunter-Lab	46.0557, 68.0204, 29.1625

Details

The Hex color **F42E0B** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **0BD1F4**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF6F42**, and **B20000** is the 20% darker color. If you saturate the color by 10%, you get **F42500**, and if you desaturate by 10%, it is **F44323**.

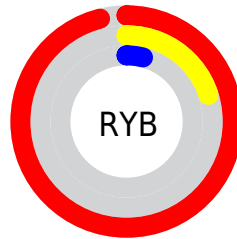
Distribution



Red (96%)

Green (18%)

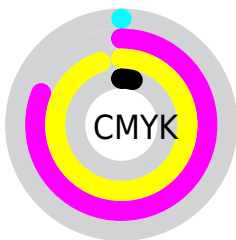
Blue (4%)



Red (96%)

Yellow (20%)

Blue (4%)

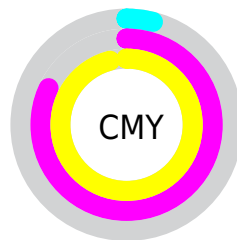


Cyan (0%)

Magenta (81%)

Yellow (95%)

Black (4%)



Cyan (4%)

Magenta (82%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color F42E0B 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 F42E0B by changing the saturation by 10% instead.

 F42E0B

 F42E0B

FFFFFF

 D30000

 FF6F42

 B20000

 FF8D5B

 910000

 FFAA75

 710000

 FFC890

 520003

 FFE6AB

 330002

 FFFFC7

 000000

 FFFF E3

 F42E0B

 F42E0B

 F42500

 F44323

 F4573C

 F46C54

 F4816D

 F49685

 F4AA9D

 F4BFB6

 F4D4CE

 F4E9E7

Harmonies

Analogous

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



FF0064



F42E0B



C36800

Triad

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



F42E0B



009D47



0080FF

Complementary

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



F42E0B



0BD1F4

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.



0097FF



F42E0B



00A09E

Square

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



F42E0B



009600



009FEC



A354FC

Rectangle

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



F42E0B



977E00



009FEC



008AFF

Sweetspot

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



F42E0B



FFC0B5



F40BD1



805A53



000000



808080

Same Dimension

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



F42E0B



FF2600



F4A20B



7A706E



BA1C00



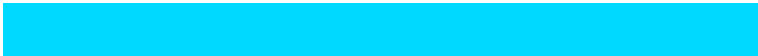
3B0900

Inverse Universe

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



0BD1F4



00D9FF



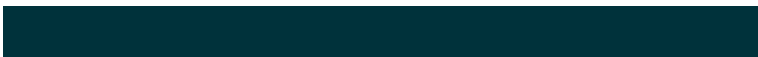
0B5DF4



6E797A



009EBA



00323B

Previews

White Background



This preview shows how the Hex color F42E0B 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 F42E0B Background



This preview shows how black text looks on a background with the Hex color F42E0B.



This preview shows how white text looks on a background with the Hex color F42E0B.

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
F42E0B

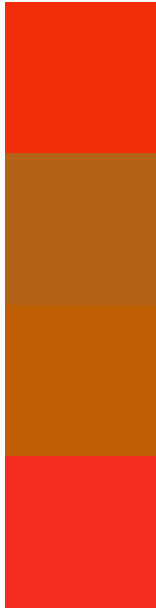
Protanopia
8F8020

Deuteranopia
A17900



Tritanopia
F42B2A

Trichromacy



Original Color
F42E0B

Protanomaly
B46218

Deuteranomaly
BF5E04

Tritanomaly
F42C1F

Monochromacy



Original Color
F42E0B

Achromatopsia
656565

Achromatomaly
995144

CSS Examples

Text

The CSS property to change the color of the text to Hex F42E0B 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 #F42E0B looks like.

```
.text, #text, p{  
    color:#F42E0B  
}
```

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 #F42E0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F42E0B
}
```

Border

The CSS property to change the border of an element to Hex F42E0B 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".

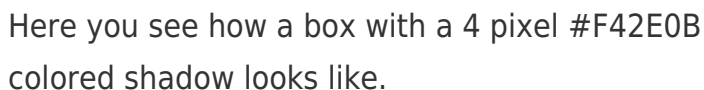
```
.border, #border, table{ border:4px solid
#F42E0B }
```

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

```
.border{ border-color:#F42E0B }
```

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

Here you see how a box with a 4 pixel #F42E0B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F42E0B; -webkit-box-shadow:4px 4px  
4px 4px #F42E0B; box-shadow:4px 4px 4px  
4px #F42E0B }
```

Background

The CSS property to change the background color of an element to Hex F42E0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F42E0B }
```

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

```
.background{ background-color:#F42E0B }
```

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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