

# Converting Colors

Hex(FB912E)

Have a look what the booklet for  
Hex(FB912E) contains.

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# Color

Hex(FB912E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FB912E
RGB	251, 145, 46
RGB Percent	98%, 57%, 18%
CMY	0.0157, 0.4314, 0.8196
CMYK	0.00, 0.42, 0.82, 0.02
HSL	29°, 96%, 58%
HSV	29°, 82%, 98%
XYZ	50.4022, 40.9573, 7.8338
YIQ	165.4080, 94.9550, -8.3170

# Conversions

## Conversions Part 2

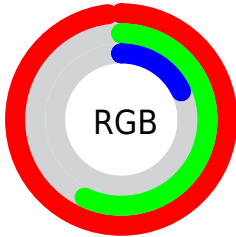
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	251, 237, 46
Decimal	16486702
CIE Lab	70.15, 33.39, 65.34
CIE LCh	70, 73.380, 62.935
Yxy	40.9573, 0.5081, 0.4129
Android (android.graphics.Color)	4294676782 (0xFFFB912E)
YUV	165.4080, -58.8681, 75.0642
Hunter-Lab	63.9979, 28.5833, 37.5410

# Details

The Hex color **FB912E** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **2E98FB**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFC864**, and **BC5D00** is the 20% darker color. If you saturate the color by 10%, you get **FB8415**, and if you desaturate by 10%, it is **FB9E47**.

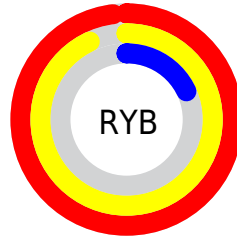
# Distribution



Red (98%)

Green (57%)

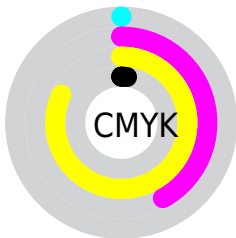
Blue (18%)



Red (98%)

Yellow (93%)

Blue (18%)

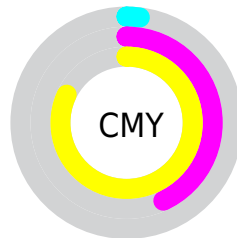


Cyan (0%)

Magenta (42%)

Yellow (82%)

Black (2%)



Cyan (2%)

Magenta (43%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FB912E 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 FB912E by changing the saturation by 10% instead.



 FB912E

 FB912E

FFFFFF

 DB770C

 FFC864

 BC5D00


 FFE47F

 9D4500

 FFFF9B

 7F2D00

 FFFFB6

 611400

 FFFFD3

 450000

 FFFFF0

 2D0001

 000000

 FB912E

 FB912E

 FB8415

 FB9E47

 FB7900

 FBAB60

 FBB879

 FBC592

 FBD2AC

 FBDFC5

 FBECDE

 FBF9F7

 FBFFFF

# Harmonies

## Analogous

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



FF7567



FB912E



C6AB00

# Triad

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



FB912E



00CAB0



B497FF

# Complementary

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



FB912E



2E98FB

# 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.



00B1FF



FB912E



00C9F2

# Square

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



FB912E



00C66B



00C2FF



FF78E9

# Rectangle

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



FB912E



9BB719



00C2FF



8CA1FF



# Sweetspot

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



FB912E



FFDEBF



FB2E9B



806C59



000000



808080



# Same Dimension

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



FB912E



FF7E05



FBF42E



7D7670



BD5B00



3D1E00



# Inverse Universe

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



2E98FB



0586FF



2E35FB



70777D



0062BD



00203D



# Previews

## White Background



This preview shows how the Hex color FB912E looks on a white background.

## Color Contrast Check

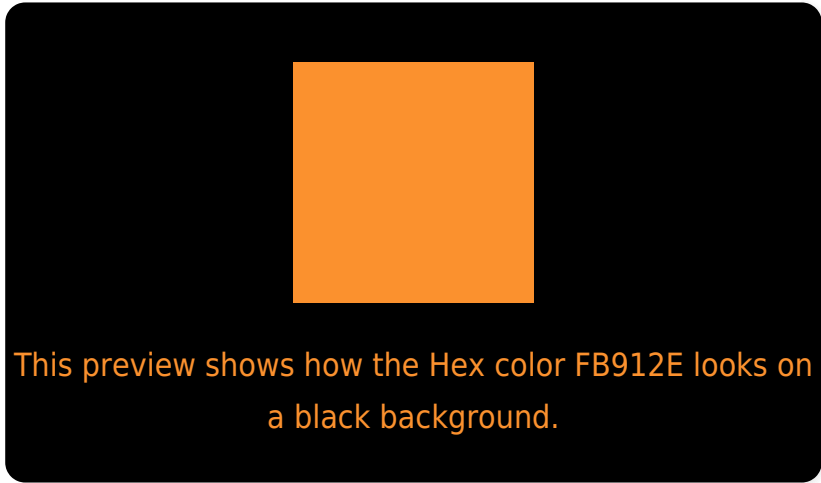
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FB912E Background



This preview shows how black text looks on a background with the Hex color FB912E.



This preview shows how white text looks on a background with the Hex color FB912E.

# 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**  
FB912E

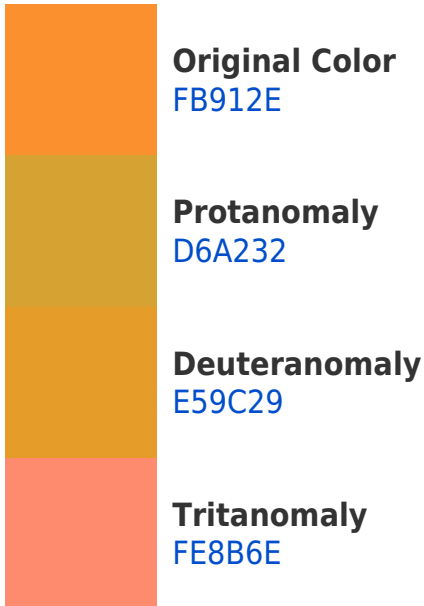
**Protanopia**  
C1AC35

**Deuteranopia**  
D8A326

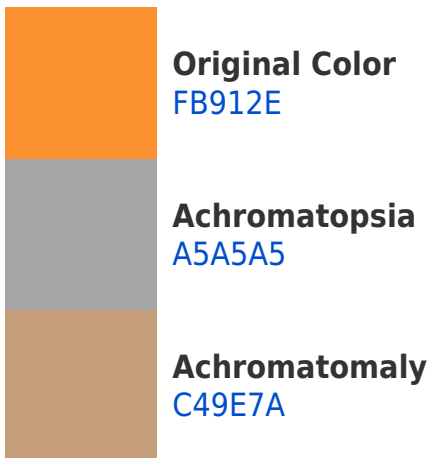


**Tritanopia**  
FF8892

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FB912E 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 #FB912E looks like.

```
.text, #text, p{  
    color:#FB912E  
}
```

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 #FB912E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB912E
}
```

## Border

The CSS property to change the border of an element to Hex FB912E 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
#FB912E }
```

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

```
.border{ border-color:#FB912E }
```

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

Here you see how a box with a 4 pixel #FB912E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB912E; -webkit-box-shadow:4px 4px  
4px 4px #FB912E; box-shadow:4px 4px 4px  
4px #FB912E }
```

# Background

The CSS property to change the background color of an element to Hex FB912E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB912E }
```

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

```
.background{ background-color:#FB912E }
```

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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