

# Converting Colors

Hex(FE9318)

Have a look what the booklet for  
Hex(FE9318) contains.

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**Color**

**Hex(FE9318)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE9318
RGB	254, 147, 24
RGB Percent	100%, 58%, 9%
CMY	0.0039, 0.4235, 0.9059
CMYK	0.00, 0.42, 0.91, 0.00
HSL	32°, 99%, 55%
HSV	32°, 91%, 100%
XYZ	51.4716, 42.0042, 6.2589
YIQ	164.9710, 103.2550, -15.5690

# Conversions

## Conversions Part 2

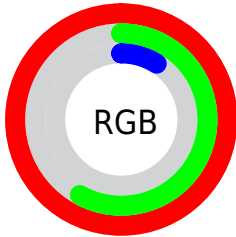
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 254, 24
Decimal	16683800
CIE Lab	70.87, 33.09, 72.60
CIE LCh	71, 79.783, 65.494
Yxy	42.0042, 0.5161, 0.4212
Android (android.graphics.Color)	4294873880 (0xFFFE9318)
YUV	164.9710, -69.4987, 78.0784
Hunter-Lab	64.8107, 28.3433, 39.6417

# Details

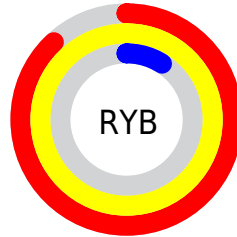
The Hex color **FE9318** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **1883FE**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFCA55**, and **BE5F00** is the 20% darker color. If you saturate the color by 10%, you get **FE8800**, and if you desaturate by 10%, it is **FE9F31**.

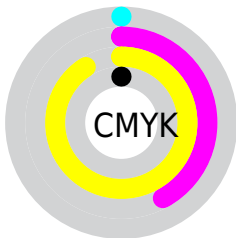
# Distribution



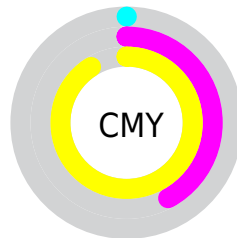
- Red (100%)
- Green (58%)
- Blue (9%)



- Red (88%)
- Yellow (100%)
- Blue (9%)



- Cyan (0%)
- Magenta (42%)
- Yellow (91%)
- Black (0%)



- Cyan (0%)
- Magenta (42%)
- Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FE9318 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 FE9318 by changing the saturation by 10% instead.



 FE9318

 FE9318

FFFFFF

 DE7900

 FFCA55

 BE5F00

 FFE671

 A04700

 FFFF8D

 812F00

 FFFFA9

 631600

 FFFFC5

 470000

 FFFF E2

 2E0001

 000000

 FE9318

 FE9318

 FE8800

 FE9F31

 FEAB4B

 FEB664

 FEC27E

 FECE97

 FEDAB0

 FEE6CA

 FEF2E3

 FEFDfD

# Harmonies

## Analogous

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



FF725D



FE9318



C3AF00

# Triad

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



FE9318



00CFB9



BF94FF

# Complementary

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



FE9318



1883FE

# 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.



00B2FF



FE9318



00CDFF

# Square

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



FE9318



00CB6E



00C5FF



FF71EB

# Rectangle

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



FE9318



93BC00



00C5FF



949FFF



# Sweetspot

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



FE9318



FFDFBA



FE1883



806D57



000000



808080



# Same Dimension

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



FE9318



FF8800



F6FE18



807A73



BF6600



402200



# Inverse Universe

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



1883FE



0077FF



2018FE



737980



0059BF



001E40



# Previews

## White Background



This preview shows how the Hex color FE9318 looks on a white background.

## Color Contrast Check

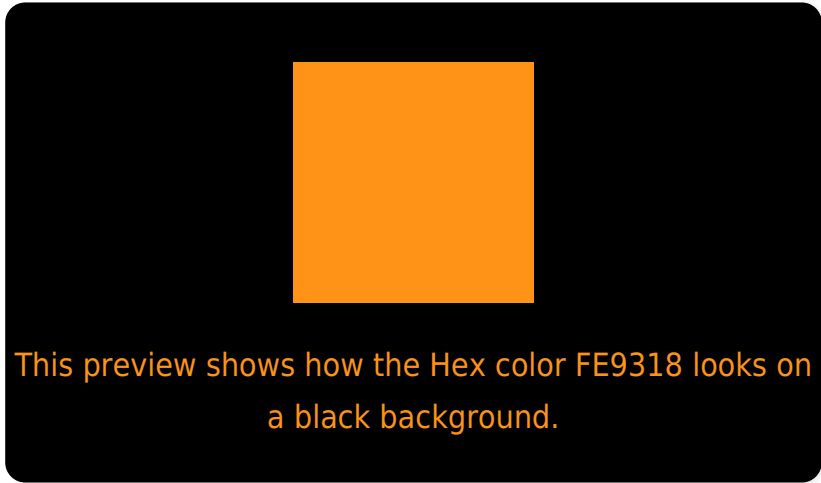
Large Text (above 18pt) WCAG AA × Fail

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 FE9318 Background



This preview shows how black text looks on a background with the Hex color FE9318.



This preview shows how white text looks on a background with the Hex color FE9318.

# 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**  
FE9318

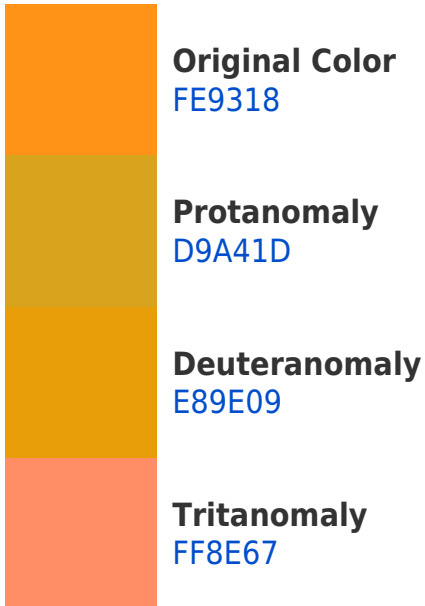
**Protanopia**  
C4AE20

**Deuteranopia**  
DCA500



**Tritanopia**  
FF8B94

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FE9318 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 #FE9318 looks like.

```
.text, #text, p{  
    color:#FE9318  
}
```

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 #FE9318 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE9318
}
```

## Border

The CSS property to change the border of an element to Hex FE9318 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
#FE9318 }
```

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

```
.border{ border-color:#FE9318 }
```

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

Here you see how a box with a 4 pixel #FE9318 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE9318; -webkit-box-shadow:4px 4px  
4px 4px #FE9318; box-shadow:4px 4px 4px  
4px #FE9318 }
```

# Background

The CSS property to change the background color of an element to Hex FE9318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE9318 }
```

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

```
.background{ background-color:#FE9318 }
```

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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