

Converting Colors

Hex(FF9123)

Have a look what the booklet for
Hex(FF9123) contains.

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Color

Hex(F9123)

Conversions

Conversions Part 1

Format	Color
Hex	FF9123
RGB	255, 145, 35
RGB Percent	100%, 57%, 14%
CMY	0.0000, 0.4314, 0.8627
CMYK	0.00, 0.43, 0.86, 0.00
HSL	30°, 100%, 57%
HSV	30°, 86%, 100%
XYZ	51.6688, 41.6321, 6.9027
YIQ	165.3500, 100.8700, -10.8900

Conversions

Conversions Part 2

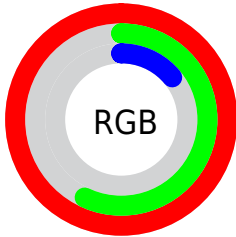
Format	Color
R_{YB}	255, 255, 35
Decimal	16748835
CIE _{Lab}	70.62, 34.72, 69.59
CIE _{LCh}	71, 77.773, 63.484
Yxy	41.6321, 0.5156, 0.4155
Android (android.graphics.Color)	4294938915 (0xFFFF9123)
YUV	165.3500, -64.2625, 78.6231
Hunter-Lab	64.5230, 30.0242, 38.8232

Details

The Hex color **FF9123** 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 **2391FF**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFC85C**, and **C05D00** is the 20% darker color. If you saturate the color by 10%, you get **FF8409**, and if you desaturate by 10%, it is **FF9E3C**.

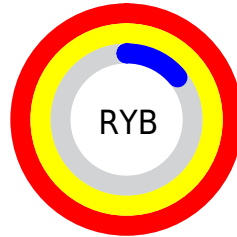
Distribution



Red (100%)

Green (57%)

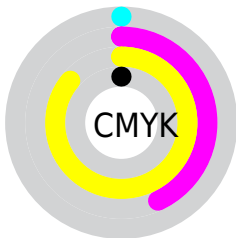
Blue (14%)



Red (100%)

Yellow (100%)

Blue (14%)

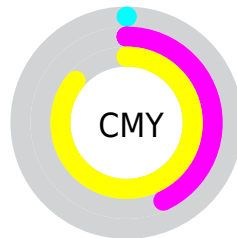


Cyan (0%)

Magenta (43%)

Yellow (86%)

Black (0%)



Cyan (0%)

Magenta (43%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9123 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 FF9123 by changing the saturation by 10% instead.

 FF9123

 FF9123

FFFFFF

 DF7700

 FFC85C

 C05D00

 FFE477

 A14400

 FFFF93

 822C00

 FFFFAF

 641300

 FFFFCB

 470000

 FFFFEE

 2F0001

 000000

 FF9123

 FF9123

 FF8409

 FF9E3C

 FF8000

 FFAB56

 FFB76F

 FFC489

 FFD1A3

 FFDEBC

 FFEAD5

 FFF7EF

FFFFFF

Harmonies

Analogous

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



FF7263



FF9123



C7AC00

Triad

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



FF9123



00CDB3



B696FF

Complementary

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



FF9123



2391FF

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.



00B3FF



FF9123



00CCF9

Square

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



FF9123



00C96A



00C4FF



FF74ED

Rectangle

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



FF9123



99B901



00C4FF



8BA1FF

Sweetspot

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



FF9123



FFDEBD



FF2391



806C58



000000



808080

Same Dimension

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



FF9123



FF8000



FFFF23



807973



BF6000



402000

Inverse Universe

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



2391FF



0080FF



2323FF



737980



0060BF



002040

Previews

White Background



This preview shows how the Hex color FF9123 looks on a white background.

Color Contrast Check

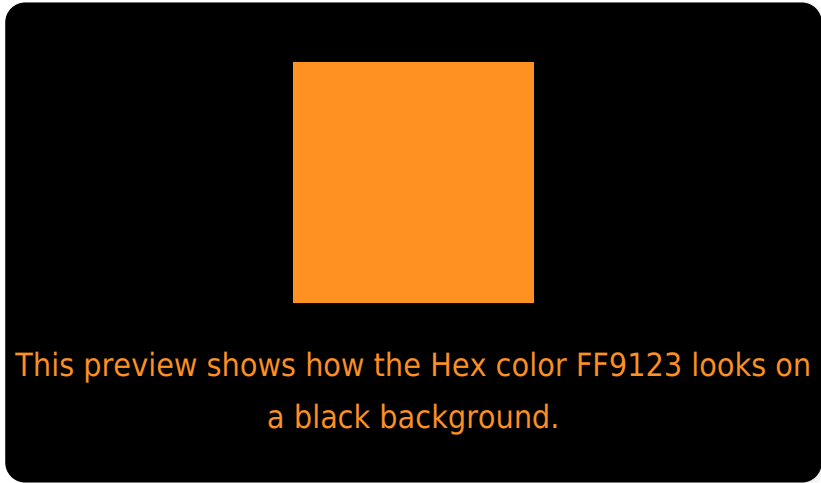
Large Text (above 18pt) WCAG AA × Fail

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 FF9123 Background



This preview shows how black text looks on a background with the Hex color FF9123.



This preview shows how white text looks on a background with the Hex color FF9123.

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
FF9123

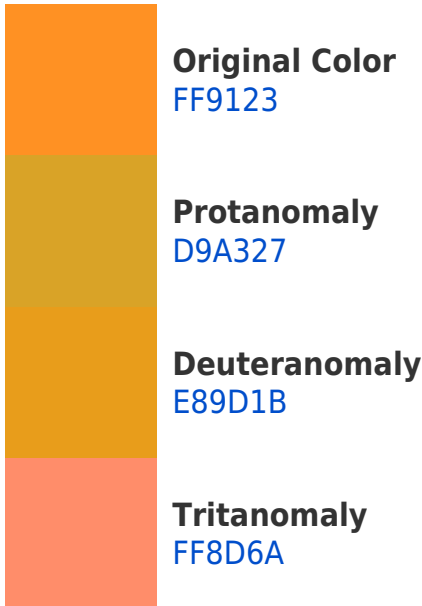
Protanopia
C3AE2A

Deuteranopia
DBA416

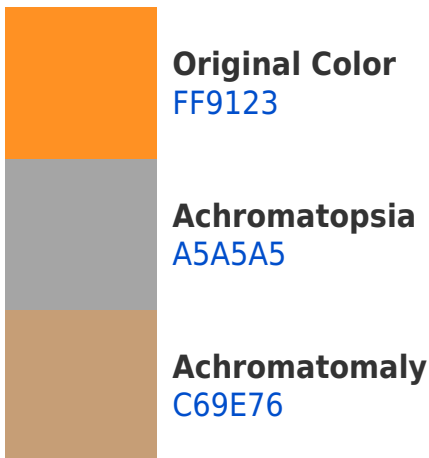


Tritanopia
FF8A93

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF9123 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 #FF9123 looks like.

```
.text, #text, p{  
    color:#FF9123  
}
```

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 #FF9123 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9123
}
```

Border

The CSS property to change the border of an element to Hex FF9123 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
#FF9123 }
```

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

```
.border{ border-color:#FF9123 }
```

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

Here you see how a box with a 4 pixel #FF9123 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9123; -webkit-box-shadow:4px 4px  
4px 4px #FF9123; box-shadow:4px 4px 4px  
4px #FF9123 }
```

Background

The CSS property to change the background color of an element to Hex FF9123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9123 }
```

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

```
.background{ background-color:#FF9123 }
```

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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