

Converting Colors

Hex(FC9A2D)

Have a look what the booklet for
Hex(FC9A2D) contains.

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Color

Hex(FC9A2D)

Conversions

Conversions Part 1

Format	Color
Hex	FC9A2D
RGB	252, 154, 45
RGB Percent	99%, 60%, 18%
CMY	0.0118, 0.3961, 0.8235
CMYK	0.00, 0.39, 0.82, 0.01
HSL	32°, 97%, 58%
HSV	32°, 82%, 99%
XYZ	52.1741, 43.9961, 8.2248
YIQ	170.8760, 93.3970, -13.1230

Conversions

Conversions Part 2

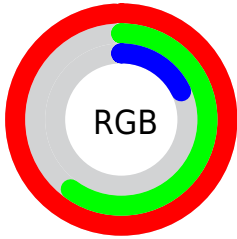
Format	Color
R _Y B	231, 252, 45
Decimal	16554541
CIE Lab	72.23, 29.11, 67.57
CIE LCh	72, 73.573, 66.692
Yxy	43.9961, 0.4998, 0.4214
Android (android.graphics.Color)	4294744621 (0xFFFC9A2D)
YUV	170.8760, -62.0569, 71.1457
Hunter-Lab	66.3296, 24.3295, 39.0788

Details

The Hex color **FC9A2D** 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 **2D8FFC**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFD164**, and **BD6600** is the 20% darker color. If you saturate the color by 10%, you get **FC8E14**, and if you desaturate by 10%, it is **FCA646**.

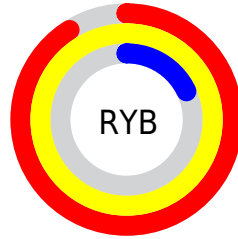
Distribution



Red (99%)

Green (60%)

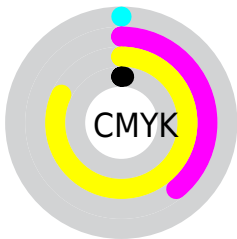
Blue (18%)



Red (91%)

Yellow (99%)

Blue (18%)

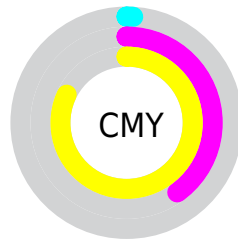


Cyan (0%)

Magenta (39%)

Yellow (82%)

Black (1%)



Cyan (1%)

Magenta (40%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color FC9A2D 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 FC9A2D by changing the saturation by 10% instead.

 FC9A2D

 FC9A2D

FFFFFF

 DC8007

 FFD164

 BD6600

 FFED80

 9F4E00

 FFFF9B

 803600

 FFFFB7

 631F00

 FFFFD4

 470600

 FFFFF1

 2E0000

 000000

 FC9A2D

 FC9A2D

 FC8E14

 FCA646

 FC8500

 FCB25F

 FCBE79

 FCCA92

 FCD6AB

 FCE2C4

 FCEEDD

 FCF9F7

 FCFFFF

Harmonies

Analogous

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



FF7E64



FC9A2D



C5B30A

Triad

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



FC9A2D



00D1BF



C698FF

Complementary

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



FC9A2D



2D8FFC

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.



00B4FF



FC9A2D



00CFFF

Square

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



FC9A2D



00CD79



00C6FF



FF7BE8

Rectangle

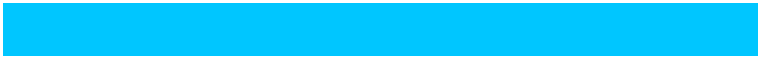
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FC9A2D



97BF27



00C6FF



A2A2FF

Sweetspot

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



FC9A2D



FFE1BF



FC2D91



806D59



000000



808080

Same Dimension

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



FC9A2D



FF8703



F9FC2D



7D7770



BD6300



3D2000

Inverse Universe

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



2D8FFC



037AFF



302DFC



70767D



0059BD



001D3D

Previews

White Background



This preview shows how the Hex color FC9A2D looks on a white background.

Color Contrast Check

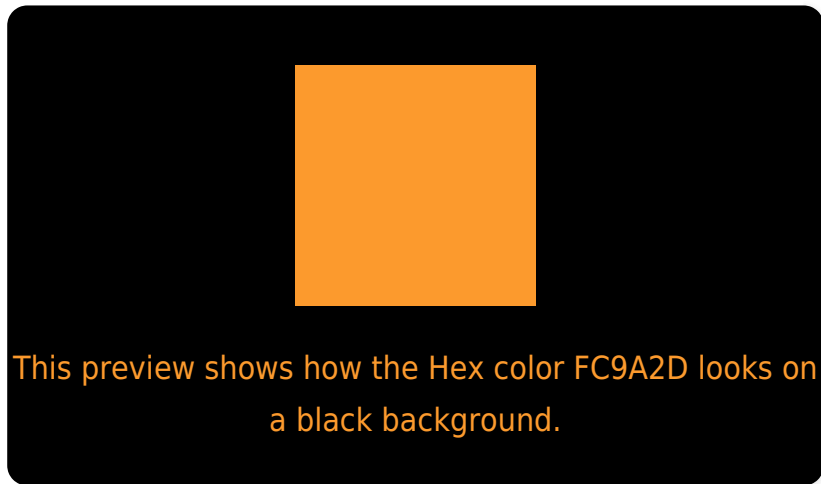
Large Text (above 18pt) WCAG AA × Fail

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 FC9A2D Background



This preview shows how black text looks on a background with the Hex color FC9A2D.

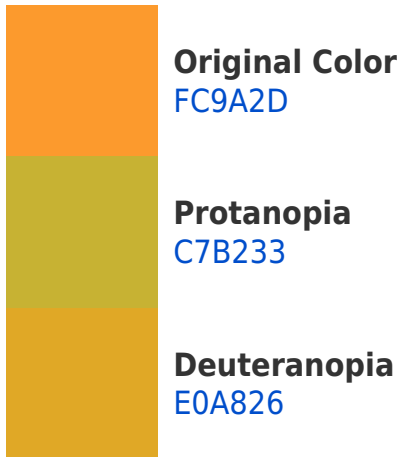


This preview shows how white text looks on a background with the Hex color FC9A2D.

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





Tritanopia
FF919B

Trichromacy



Original Color
FC9A2D

Protanomaly
DAA931

Deuteranomaly
EAA329

Tritanomaly
FE9473

Monochromacy



Original Color
FC9A2D

Achromatopsia
ABABAB

Achromatomaly
C8A57D

CSS Examples

Text

The CSS property to change the color of the text to Hex FC9A2D 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 #FC9A2D looks like.

```
.text, #text, p{  
    color:#FC9A2D  
}
```

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 #FC9A2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC9A2D
}
```

Border

The CSS property to change the border of an element to Hex FC9A2D 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
#FC9A2D }
```

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

```
.border{ border-color:#FC9A2D }
```

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

Here you see how a box with a 4 pixel #FC9A2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC9A2D; -webkit-box-shadow:4px 4px  
4px 4px #FC9A2D; box-shadow:4px 4px 4px  
4px #FC9A2D }
```

Background

The CSS property to change the background color of an element to Hex FC9A2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC9A2D }
```

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

```
.background{ background-color:#FC9A2D }
```

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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