

Converting Colors

Hex(FF9225)

Have a look what the booklet for
Hex(FF9225) contains.

Hex(FF9225)	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(F9225)

Conversions

Conversions Part 1

Format	Color
Hex	FF9225
RGB	255, 146, 37
RGB Percent	100%, 57%, 15%
CMY	0.0000, 0.4275, 0.8549
CMYK	0.00, 0.43, 0.85, 0.00
HSL	30°, 100%, 57%
HSV	30°, 85%, 100%
XYZ	51.8528, 41.9513, 7.1147
YIQ	166.1650, 99.9530, -10.7910

Conversions

Conversions Part 2

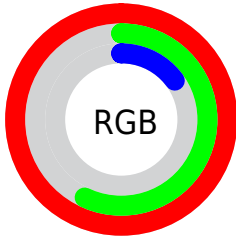
Format	Color
RYB	255, 255, 37
Decimal	16749093
CIELab	70.84, 34.25, 69.16
CIElCh	71, 77.181, 63.653
Yxy	41.9513, 0.5138, 0.4157
Android (android.graphics.Color)	4294939173 (0xFFFF9225)
YUV	166.1650, -63.6783, 77.9083
Hunter-Lab	64.7699, 29.5545, 38.8261

Details

The Hex color **FF9225** 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 **2592FF**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFC95E**, and **C05E00** is the 20% darker color. If you saturate the color by 10%, you get **FF850C**, and if you desaturate by 10%, it is **FF9F3F**.

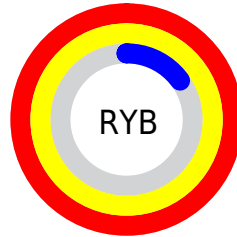
Distribution



Red (100%)

Green (57%)

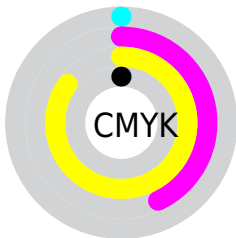
Blue (15%)



Red (100%)

Yellow (100%)

Blue (15%)

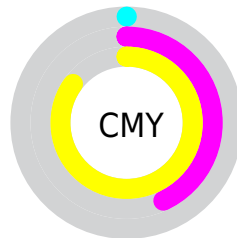


Cyan (0%)

Magenta (43%)

Yellow (85%)

Black (0%)



Cyan (0%)

Magenta (43%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9225 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 FF9225 by changing the saturation by 10% instead.

 FF9225

 FF9225

FFFFFF

 DF7800

 FFC95E

 C05E00

 FFE579

 A14500

 FFFF94

 822D00

 FFFFB0

 641400

 FFFFCD

 480000

 FFFFEA

 2F0001

 000000

 FF9225

 FF9225

 FF850C

 FF9F3F

 FF8000

 FFAC58

 FFB872

 FFC58B

 FFD2A5

 FFDFBE

 FFEBD8

 FFF8F1

FFFFFF

Harmonies

Analogous

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



FF7364



FF9225



C7AD00

Triad

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



FF9225



00CEB4



B897FF

Complementary

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



FF9225



2592FF

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



FF9225



00CDFA

Square

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



FF9225



00C96B



00C5FF



FF76ED

Rectangle

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



FF9225



99BA08



00C5FF



8EA1FF

Sweetspot

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



FF9225



FFDEBD



FF2592



806C58



000000



808080

Same Dimension

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



FF9225



FF8000



FFFF25



807973



BF6000



402000

Inverse Universe

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



2592FF



0080FF



2525FF



737980



0060BF



002040

Previews

White Background



This preview shows how the Hex color FF9225 looks on a white background.

Color Contrast Check

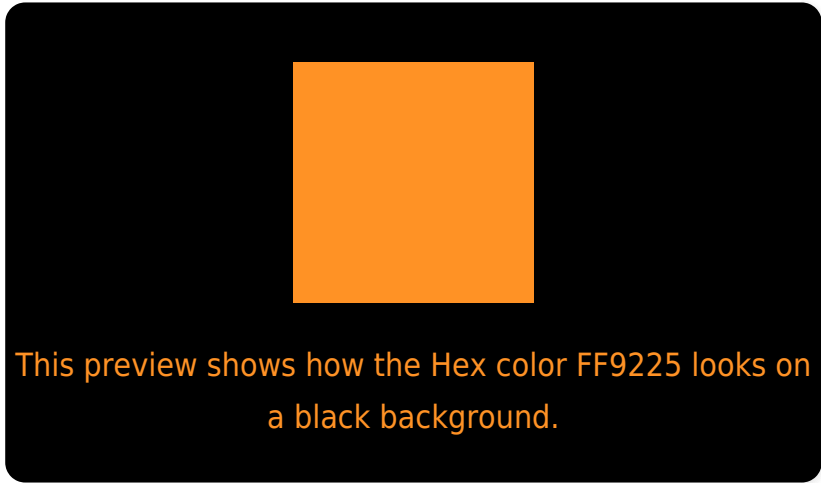
Large Text (above 18pt) WCAG AA × Fail

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 FF9225 Background



This preview shows how black text looks on a background with the Hex color FF9225.



This preview shows how white text looks on a background with the Hex color FF9225.

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
FF9225

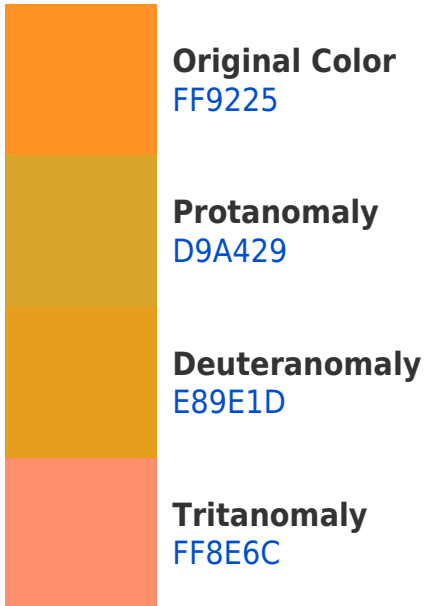
Protanopia
C3AE2C

Deuteranopia
DBA519



Tritanopia
FF8B94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF9225 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 #FF9225 looks like.

```
.text, #text, p{  
    color:#FF9225  
}
```

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 #FF9225 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9225  
}
```

Border

The CSS property to change the border of an element to Hex FF9225 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  
#FF9225 }
```

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

```
.border{ border-color:#FF9225 }
```

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

Here you see how a box with a 4 pixel #FF9225 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9225; -webkit-box-shadow:4px 4px  
4px 4px #FF9225; box-shadow:4px 4px 4px  
4px #FF9225 }
```

Background

The CSS property to change the background color of an element to Hex FF9225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9225 }
```

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

```
.background{ background-color:#FF9225 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor