

# Converting Colors

Hex(FA9241)

Have a look what the booklet for  
Hex(FA9241) contains.

<b>Hex(FA9241)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(FA9241)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FA9241
RGB	250, 146, 65
RGB Percent	98%, 57%, 25%
CMY	0.0196, 0.4275, 0.7451
CMYK	0.00, 0.42, 0.74, 0.02
HSL	26°, 95%, 62%
HSV	26°, 74%, 98%
XYZ	50.6574, 41.2634, 10.2957
YIQ	167.8620, 87.9850, -3.1430

# Conversions

## Conversions Part 2

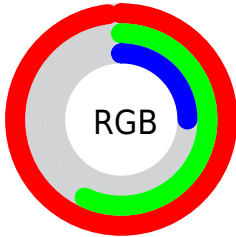
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 209, 65
Decimal	16421441
CIE <sub>Lab</sub>	70.36, 33.15, 57.78
CIE <sub>LCh</sub>	70, 66.613, 60.159
Yxy	41.2634, 0.4956, 0.4037
Android (android.graphics.Color)	4294611521 (0xFFFA9241)
YUV	167.8620, -50.7110, 72.0350
Hunter-Lab	64.2366, 28.3521, 35.4627

# Details

The Hex color **FA9241** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **41A9FA**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFC975**, and **BC5E06** is the 20% darker color. If you saturate the color by 10%, you get **FA8428**, and if you desaturate by 10%, it is **FAA05A**.

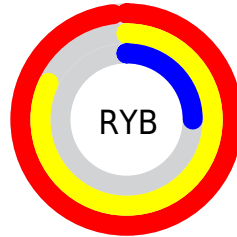
# Distribution



Red (98%)

Green (57%)

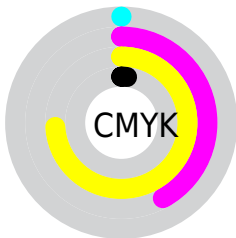
Blue (25%)



Red (98%)

Yellow (82%)

Blue (25%)

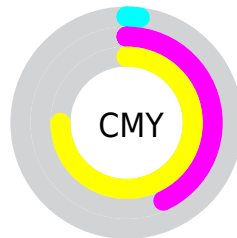


Cyan (0%)

Magenta (42%)

Yellow (74%)

Black (2%)



Cyan (2%)

Magenta (43%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FA9241 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 FA9241 by changing the saturation by 10% instead.



 FA9241

 FA9241

FFFFFF

 DB7827

 FFC975

 BC5E06

 FFE590

 9D4600

 FFFFAB

 7F2D00

 FFFF C7

 621500

 FFFF E4

 450000

 2E0001

 000000

 FA9241

 FA9241

 FA8428

 FAA05A

 FA760F

 FAAE73

 FA6D00

 FABC8C

 FACAA5

 FAD8BE

 FAE6D7

 FAF4F0

 FAFFFF

# Harmonies

## Analogous

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



FF7B73



FA9241



CBA924

# Triad

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



FA9241



00C9AA



AC9CFF

# Complementary

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



FA9241



41A9FA

# 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



FA9241



00C8E7

# Square

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



FA9241



2DC46D



00C2FF



F582E9

# Rectangle

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



FA9241



A4B52D



00C2FF



88A4FF



# Sweetspot

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



FA9241



FFDFC7



FA41AA



806D5E



000000



808080



# Same Dimension

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



FA9241



FF7F1C



FAEE41



7D7670



BD5300



3D1B00



# Inverse Universe

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



41A9FA



1C9CFF



414DFA



70777D



006ABD



00223D



# Previews

## White Background



This preview shows how the Hex color FA9241 looks on a white background.

## Color Contrast Check

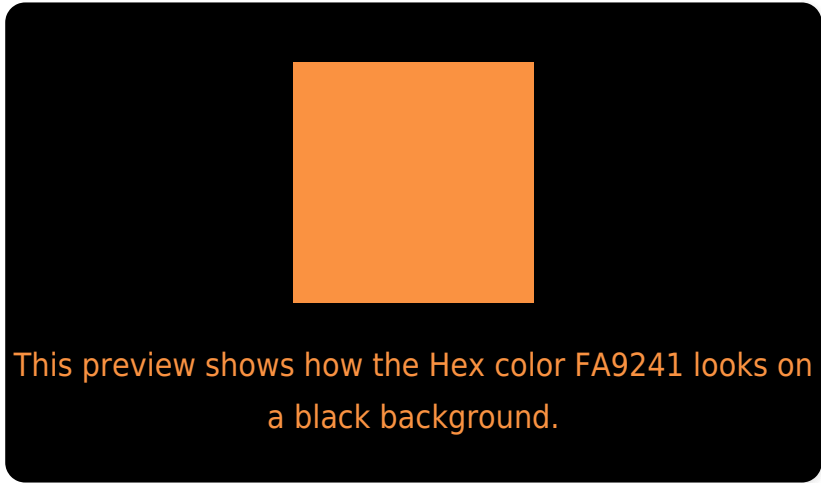
Large Text (above 18pt) WCAG AA × Fail

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 FA9241 Background



This preview shows how black text looks on a background with the Hex color FA9241.

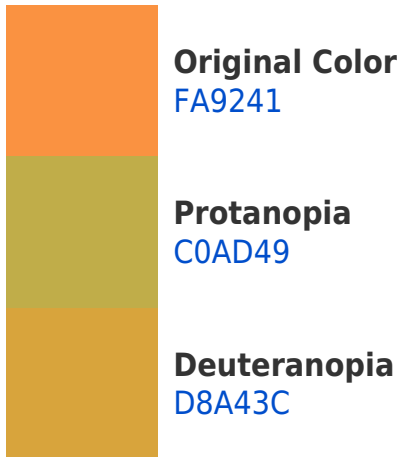


This preview shows how white text looks on a background with the Hex color FA9241.

# 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](#).

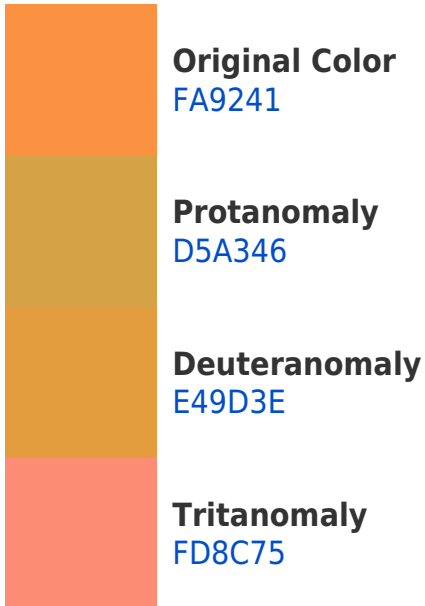
## Dichromacy



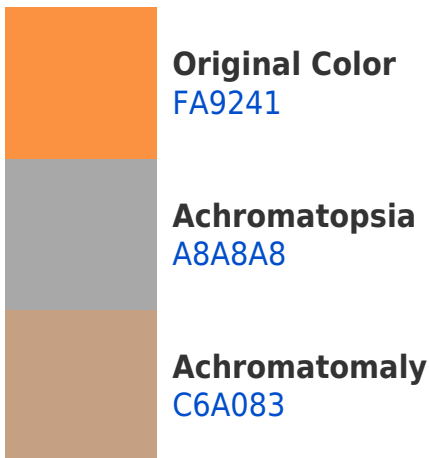


**Tritanopia**  
FF8993

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FA9241 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 #FA9241 looks like.

```
.text, #text, p{  
    color:#FA9241  
}
```

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 #FA9241 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA9241
}
```

## Border

The CSS property to change the border of an element to Hex FA9241 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
#FA9241 }
```

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

```
.border{ border-color:#FA9241 }
```

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

Here you see how a box with a 4 pixel #FA9241 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA9241; -webkit-box-shadow:4px 4px  
4px 4px #FA9241; box-shadow:4px 4px 4px  
4px #FA9241 }
```

# Background

The CSS property to change the background color of an element to Hex FA9241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA9241 }
```

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

```
.background{ background-color:#FA9241 }
```

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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