

# Converting Colors

Hex(FC9435)

Have a look what the booklet for  
Hex(FC9435) contains.

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**Color**

**Hex(FC9435)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC9435
RGB	252, 148, 53
RGB Percent	99%, 58%, 21%
CMY	0.0118, 0.4196, 0.7922
CMYK	0.00, 0.41, 0.79, 0.01
HSL	29°, 97%, 60%
HSV	29°, 79%, 99%
XYZ	51.3774, 42.1323, 8.7926
YIQ	168.2660, 92.4790, -7.4970

# Conversions

## Conversions Part 2

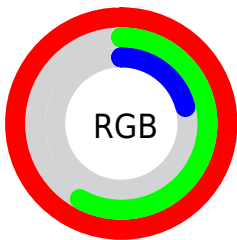
Format	Color
<a href="#">RYB</a>	<a href="#">252, 235, 53</a>
Decimal	<a href="#">16553013</a>
CIELab	<a href="#">70.96, 32.46, 63.49</a>
CIElCh	<a href="#">71, 71.306, 62.918</a>
Yxy	<a href="#">42.1323, 0.5022, 0.4118</a>
Android (android.graphics.Color)	<a href="#">4294743093</a> (0xFFFC9435)
YUV	<a href="#">168.2660, -56.8261, 73.4347</a>
Hunter-Lab	<a href="#">64.9094, 27.6957, 37.4052</a>

# Details

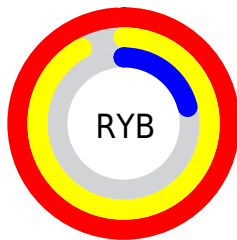
The Hex color **FC9435** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **359DFC**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFCB6A**, and **BD6000** is the 20% darker color. If you saturate the color by 10%, you get **FC871C**, and if you desaturate by 10%, it is **FCA14E**.

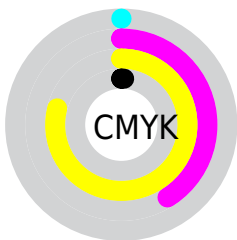
# Distribution



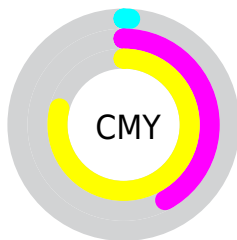
- Red (99%)
- Green (58%)
- Blue (21%)



- Red (99%)
- Yellow (92%)
- Blue (21%)



- Cyan (0%)
- Magenta (41%)
- Yellow (79%)
- Black (1%)



- Cyan (1%)
- Magenta (42%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FC9435 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 FC9435 by changing the saturation by 10% instead.



 FC9435

 FC9435

FFFFFF

 DC7A17

 FFCB6A

 BD6000

 FFE785

 9F4800

 FFFFA1

 803000

 FFFFBD

 631700

 FFFFD9

 460000

 FFFFF6

 2E0001

 000000

 FC9435

 FC9435

 FC871C

 FCA14E

 FC7A03

 FCAE67

 FC7800

 FCBC81

 FCC99A

 FCD6B3

 FCE3CC

 FCF0E5

 FCFDFD

 FCFFFF

# Harmonies

## Analogous

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



FF7A6B



FC9435



C8AD12

# Triad

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



FC9435



00CCB2



B69AFF

# Complementary

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



FC9435



359DFC

# 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



FC9435



00CBF3

# Square

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



FC9435



00C86F



00C4FF



FF7DEA

# Rectangle

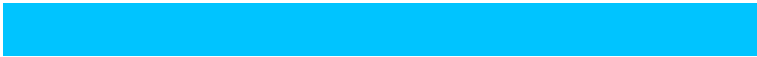
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FC9435



9EB924



00C4FF



90A3FF



# Sweetspot

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



FC9435



FFDFC2



FC359F



806C5B



000000



808080



# Same Dimension

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



FC9435



FF800D



FCF535



7D7670



BD5A00



3D1D00



# Inverse Universe

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



359DFC



0D8BFF



353CFC



70777D



0063BD



00203D



# Previews

## White Background



This preview shows how the Hex color FC9435 looks on a white background.

## Color Contrast Check

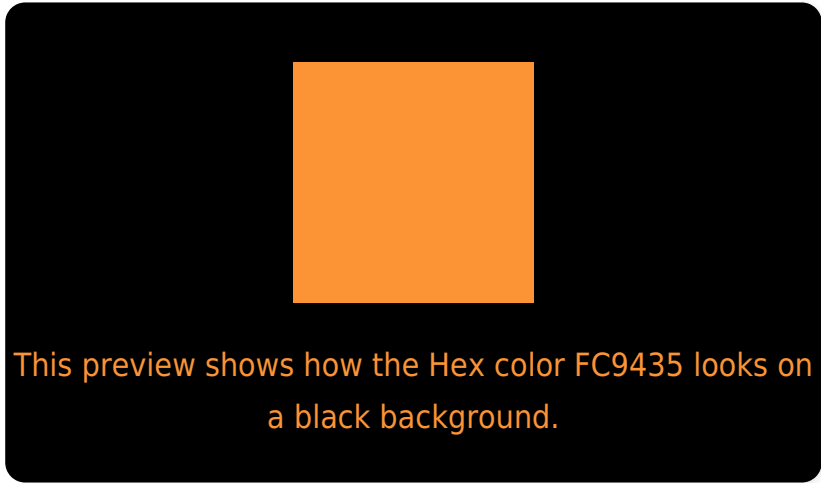
Large Text (above 18pt) WCAG AA × Fail

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 FC9435 Background



This preview shows how black text looks on a background with the Hex color FC9435.



This preview shows how white text looks on a background with the Hex color FC9435.

# 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**  
FC9435

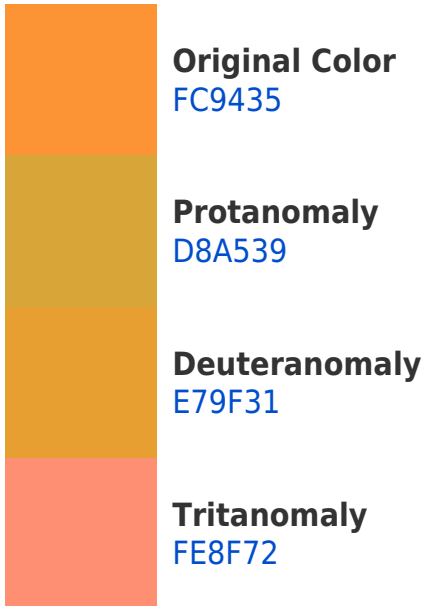
**Protanopia**  
C3AE3C

**Deuteranopia**  
DBA52F

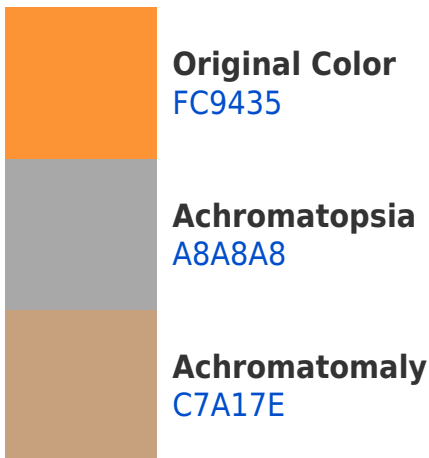


**Tritanopia**  
FF8C95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FC9435 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 #FC9435 looks like.

```
.text, #text, p{  
    color:#FC9435  
}
```

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 #FC9435 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC9435
}
```

## Border

The CSS property to change the border of an element to Hex FC9435 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
#FC9435 }
```

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

```
.border{ border-color:#FC9435 }
```

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

Here you see how a box with a 4 pixel #FC9435 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC9435; -webkit-box-shadow:4px 4px  
4px 4px #FC9435; box-shadow:4px 4px 4px  
4px #FC9435 }
```

# Background

The CSS property to change the background color of an element to Hex FC9435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC9435 }
```

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

```
.background{ background-color:#FC9435 }
```

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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