

# Converting Colors

Hex(FA9632)

Have a look what the booklet for  
Hex(FA9632) contains.

<b>Hex(FA9632)</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(FA9632)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FA9632
RGB	250, 150, 50
RGB Percent	98%, 59%, 20%
CMY	0.0196, 0.4118, 0.8039
CMYK	0.00, 0.40, 0.80, 0.02
HSL	30°, 95%, 59%
HSV	30°, 80%, 98%
XYZ	50.9064, 42.3670, 8.5122
YIQ	168.5000, 91.7000, -9.9000

# Conversions

## Conversions Part 2

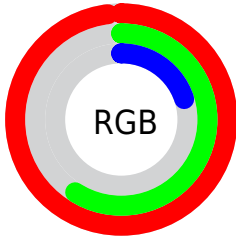
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 250, 50
Decimal	16422450
CIE <sub>Lab</sub>	71.12, 30.52, 64.69
CIE <sub>LCh</sub>	71, 71.532, 64.744
Yxy	42.3670, 0.5001, 0.4162
Android (android.graphics.Color)	4294612530 (0xFFFA9632)
YUV	168.5000, -58.4205, 71.4755
Hunter-Lab	65.0899, 25.6964, 37.8092

# Details

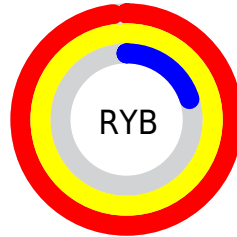
The Hex color **FA9632** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **3296FA**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFCD68**, and **BB6200** is the 20% darker color. If you saturate the color by 10%, you get **FA8A19**, and if you desaturate by 10%, it is **FAA34B**.

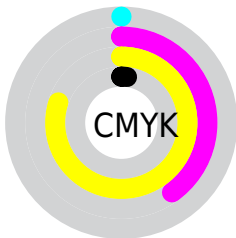
# Distribution



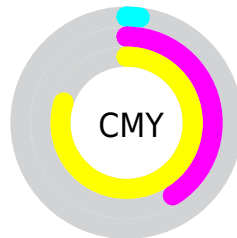
- Red (98%)
- Green (59%)
- Blue (20%)



- Red (98%)
- Yellow (98%)
- Blue (20%)



- Cyan (0%)
- Magenta (40%)
- Yellow (80%)
- Black (2%)



- Cyan (2%)
- Magenta (41%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FA9632 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 FA9632 by changing the saturation by 10% instead.



 FA9632

 FA9632

FFFFFF

 DB7C12

 FFCD68

 BB6200

 FFE983

 9D4A00

 FFFF9E

 7F3200

 FFFFBA

 611A00

 FFFFD7

 450100

 FFFFF4

 2D0001

 000000

 FA9632

 FA9632

FA8A19

FAA34B

FA7D00

FAAF64

FABB7D

FAC896

FAD5AF

FAE1C8

FAEDE1

FAFAFA

FAFFFF

# Harmonies

## Analogous

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



FF7B67



FA9632



C5AE11

# Triad

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



FA9632



00CDB7



BD98FF

# Complementary

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



FA9632



3296FA

# 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.



00B2FF



FA9632



00CBF7

# Square

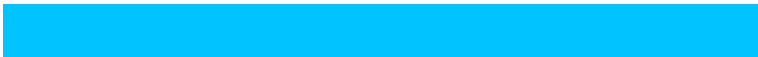
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FA9632



00C973



00C3FF



FF7BE7

# Rectangle

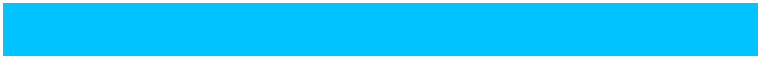
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FA9632



9ABB27



00C3FF



98A2FF



# Sweetspot

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



FA9632



FFE0C2



FA3296



806D5B



000000



808080



# Same Dimension

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



FA9632



FF850A



FAFA32



7D7770



BD5E00



3D1F00



# Inverse Universe

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



3296FA



0A85FF



3232FA



70777D



005EBD



001F3D



# Previews

## White Background



This preview shows how the Hex color FA9632 looks on a white background.

## Color Contrast Check

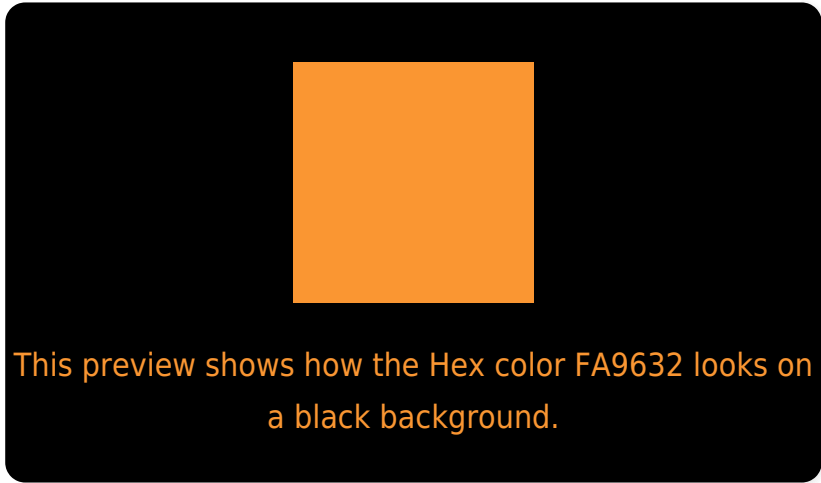
Large Text (above 18pt) WCAG AA × Fail

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 FA9632 Background



This preview shows how black text looks on a background with the Hex color FA9632.



This preview shows how white text looks on a background with the Hex color FA9632.

# 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**  
FA9632

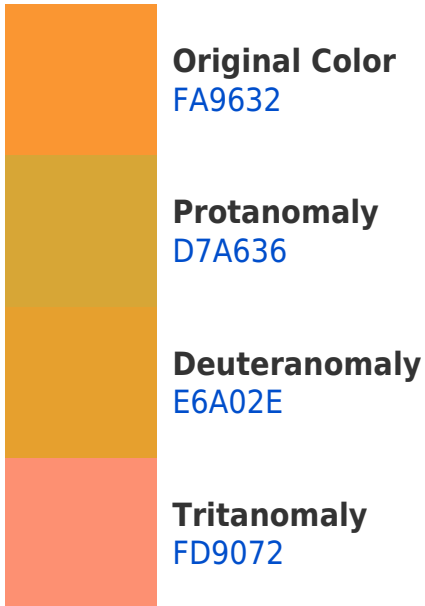
**Protanopia**  
C3AF38

**Deuteranopia**  
DBA62C

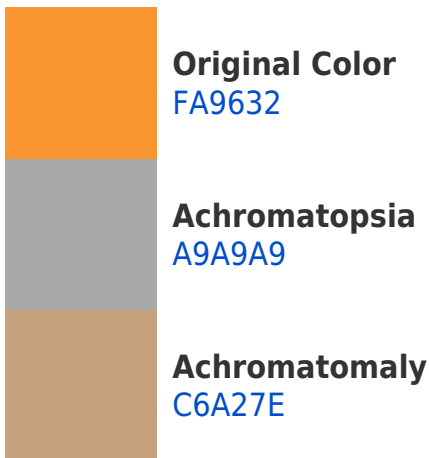


**Tritanopia**  
FF8C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FA9632 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 #FA9632 looks like.

```
.text, #text, p{  
    color:#FA9632  
}
```

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 #FA9632 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA9632
}
```

## Border

The CSS property to change the border of an element to Hex FA9632 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
#FA9632 }
```

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

```
.border{ border-color:#FA9632 }
```

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

Here you see how a box with a 4 pixel #FA9632 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA9632; -webkit-box-shadow:4px 4px  
4px 4px #FA9632; box-shadow:4px 4px 4px  
4px #FA9632 }
```

# Background

The CSS property to change the background color of an element to Hex FA9632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA9632 }
```

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

```
.background{ background-color:#FA9632 }
```

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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