

Converting Colors

Hex(FD9638)

Have a look what the booklet for
Hex(FD9638) contains.

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Color

Hex(FD9638)

Conversions

Conversions Part 1

Format	Color
Hex	FD9638
RGB	253, 150, 56
RGB Percent	99%, 59%, 22%
CMY	0.0078, 0.4118, 0.7804
CMYK	0.00, 0.41, 0.78, 0.01
HSL	29°, 98%, 61%
HSV	29°, 78%, 99%
XYZ	52.1282, 42.9809, 9.2901
YIQ	170.0810, 91.5620, -7.3980

Conversions

Conversions Part 2

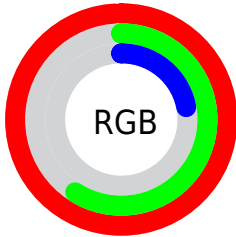
Format	Color
R _Y B	253, 236, 56
Decimal	16619064
CIE Lab	71.54, 31.94, 62.89
CIE LCh	72, 70.533, 63.075
Yxy	42.9809, 0.4993, 0.4117
Android (android.graphics.Color)	4294809144 (0xFFFD9638)
YUV	170.0810, -56.2419, 72.7200
Hunter-Lab	65.5598, 27.2000, 37.4902

Details

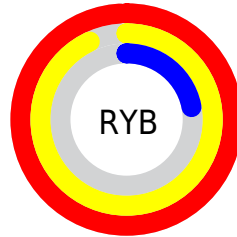
The Hex color **FD9638** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **389FFD**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFCD6D**, and **BE6200** is the 20% darker color. If you saturate the color by 10%, you get **FD891F**, and if you desaturate by 10%, it is **FDA351**.

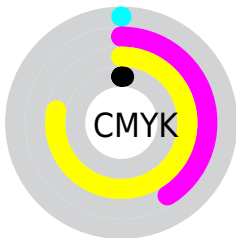
Distribution



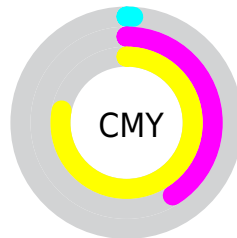
- Red (99%)
- Green (59%)
- Blue (22%)



- Red (99%)
- Yellow (93%)
- Blue (22%)



- Cyan (0%)
- Magenta (41%)
- Yellow (78%)
- Black (1%)



- Cyan (1%)
- Magenta (41%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD9638 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 FD9638 by changing the saturation by 10% instead.

 FD9638

 FD9638

FFFFFF

 DD7C1B

 FFCD6D

 BE6200

 FFE988

 A04A00

 FFFFA4

 823100

 FFFFC0

 641900

 FFFFDC

 470000

 FFFFF9

 2F0001

 000000

 FD9638

 FD9638

FD891F

FDA351

FD7C05

FDB06B

FD7900

FDBE84

FDCB9D

FDD8B7

FDE5D0

PDF3E9

FDFFFF

Harmonies

Analogous

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



FF7C6D



FD9638



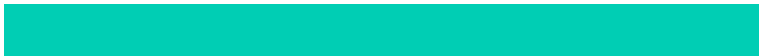
CAAE19

Triad

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



FD9638



00CEB4



B89BFF

Complementary

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



FD9638



389FFD

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.



00B5FF



FD9638



00CDF4

Square

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



FD9638



00C972



00C5FF



FF7FEB

Rectangle

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



FD9638



A0BB29



00C5FF



93A4FF

Sweetspot

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



FD9638



FFE0C4



FD38A1



806D5C



000000



808080

Same Dimension

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



FD9638



FF8312



FDF638



807973



BF5B00



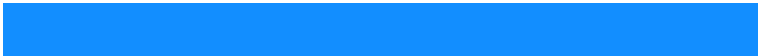
401E00

Inverse Universe

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



389FFD



128EFF



383FFD



737980



0064BF



002140

Previews

White Background



This preview shows how the Hex color FD9638 looks on a white background.

Color Contrast Check

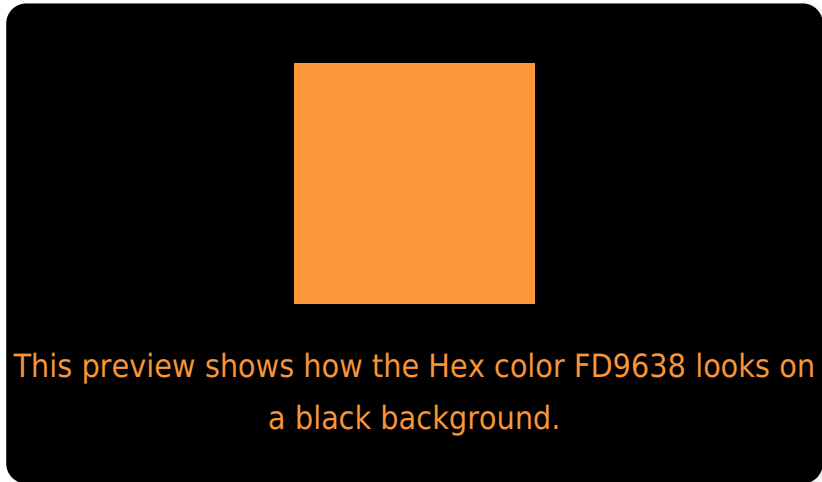
Large Text (above 18pt) WCAG AA × Fail

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 FD9638 Background



This preview shows how black text looks on a background with the Hex color FD9638.



This preview shows how white text looks on a background with the Hex color FD9638.

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
FD9638

Protanopia
C4B03F

Deuteranopia
DCA732



Tritanopia
FF8E98

Trichromacy



Original Color
FD9638

Protanomaly
D9A73C

Deuteranomaly
E8A134

Tritanomaly
FE9175

Monochromacy



Original Color
FD9638

Achromatopsia
AAAAAA

Achromatomaly
C8A381

CSS Examples

Text

The CSS property to change the color of the text to Hex FD9638 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 #FD9638 looks like.

```
.text, #text, p{  
    color:#FD9638  
}
```

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 #FD9638 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD9638  
}
```

Border

The CSS property to change the border of an element to Hex FD9638 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  
#FD9638 }
```

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

```
.border{ border-color:#FD9638 }
```

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

Here you see how a box with a 4 pixel #FD9638 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD9638; -webkit-box-shadow:4px 4px  
4px 4px #FD9638; box-shadow:4px 4px 4px  
4px #FD9638 }
```

Background

The CSS property to change the background color of an element to Hex FD9638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD9638 }
```

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

```
.background{ background-color:#FD9638 }
```

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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