

# Converting Colors

Hex(FD9651)

Have a look what the booklet for  
Hex(FD9651) contains.

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**Color**

**Hex(FD9651)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD9651
RGB	253, 150, 81
RGB Percent	99%, 59%, 32%
CMY	0.0078, 0.4118, 0.6824
CMYK	0.00, 0.41, 0.68, 0.01
HSL	24°, 98%, 65%
HSV	24°, 68%, 99%
XYZ	52.8996, 43.2894, 13.3522
YIQ	172.9310, 83.5370, 0.3770

# Conversions

## Conversions Part 2

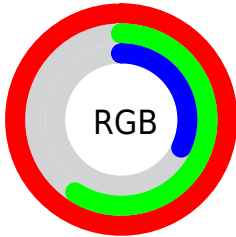
Format	Color
<a href="#">RYB</a>	<a href="#">253, 196, 81</a>
Decimal	<a href="#">16619089</a>
CIELab	<a href="#">71.75, 33.05, 51.93</a>
CIElCh	<a href="#">72, 61.554, 57.529</a>
Yxy	<a href="#">43.2894, 0.4829, 0.3952</a>
Android (android.graphics.Color)	<a href="#">4294809169</a> (0xFFFD9651)
YUV	<a href="#">172.9310, -45.3220, 70.2205</a>
Hunter-Lab	<a href="#">65.7947, 28.3750, 34.0242</a>

# Details

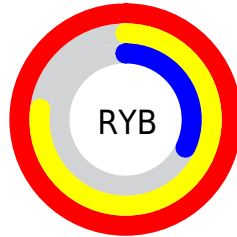
The Hex color **FD9651** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **51B8FD**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFCD85**, and **BF621E** is the 20% darker color. If you saturate the color by 10%, you get **FD8738**, and if you desaturate by 10%, it is **FDA56A**.

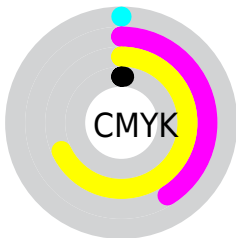
# Distribution



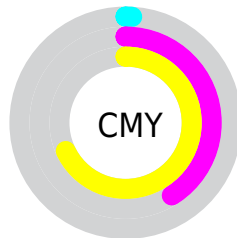
- Red (99%)
- Green (59%)
- Blue (32%)



- Red (99%)
- Yellow (77%)
- Blue (32%)



- Cyan (0%)
- Magenta (41%)
- Yellow (68%)
- Black (1%)



- Cyan (1%)
- Magenta (41%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FD9651 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 FD9651 by changing the saturation by 10% instead.



 FD9651

 FD9651

FFFFFF

 DE7C38

 FFCD85

 BF621E

 FFE9A0

 A14900

 FFFFBB

 833100

 FFFFD7

 661800

 FFFFF4

 490000

 300001

 000000

 FD9651

 FD9651

FD8738

FDA56A

FD781E

FDB484

FD6905

FDC39D

FD6500

FDD3B6

FDE2D0

FDF1E9

FDFFFF

# Harmonies

## Analogous

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



FF837F



FD9651



D2AB38

# Triad

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



FD9651



00CBA9



AAA3FF

# Complementary

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



FD9651



51B8FD

# 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.



00B7FF



FD9651



00CBE2

# Square

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



FD9651



4FC671



00C5FF



F08CED

# Rectangle

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



FD9651



AFB73C



00C5FF



88AAFF



# Sweetspot

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



FD9651



FFE0CC



FD51B8



806D61



000000



808080



# Same Dimension

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



FD9651



FF822E



FDEC51



807873



BF4D00



401A00

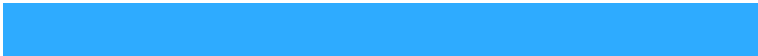


# Inverse Universe

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



51B8FD



2EABFF



5162FD



737A80



0073BF



002640



# Previews

## White Background



This preview shows how the Hex color FD9651 looks on a white background.

## Color Contrast Check

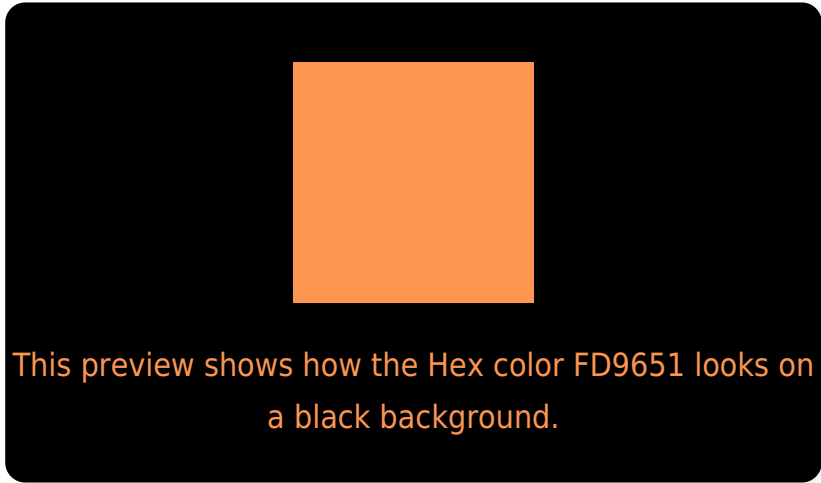
Large Text (above 18pt) WCAG AA × Fail

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

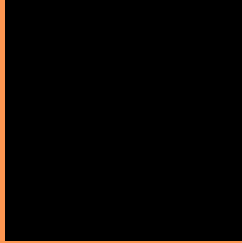
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FD9651 Background



This preview shows how black text looks on a background with the Hex color FD9651.



This preview shows how white text looks on a background with the Hex color FD9651.

# 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**  
FD9651

**Protanopia**  
C3B059

**Deuteranopia**  
DAA84D



**Tritanopia**  
FF8F99

# Trichromacy



**Original Color**  
FD9651

**Protanomaly**  
D8A756

**Deuteranomaly**  
E7A14E

**Tritanomaly**  
FE927F

# Monochromacy



**Original Color**  
FD9651

**Achromatopsia**  
ADADAD

**Achromatomaly**  
CAA58C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FD9651 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 #FD9651 looks like.

```
.text, #text, p{  
    color:#FD9651  
}
```

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 #FD9651 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD9651
}
```

## Border

The CSS property to change the border of an element to Hex FD9651 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
#FD9651 }
```

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

```
.border{ border-color:#FD9651 }
```

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

Here you see how a box with a 4 pixel #FD9651 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD9651; -webkit-box-shadow:4px 4px  
4px 4px #FD9651; box-shadow:4px 4px 4px  
4px #FD9651 }
```

# Background

The CSS property to change the background color of an element to Hex FD9651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD9651 }
```

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

```
.background{ background-color:#FD9651 }
```

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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