

# Converting Colors

Hex(FD9B00)

Have a look what the booklet for  
Hex(FD9B00) contains.

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**Color**

**Hex(FD9B00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD9B00
RGB	253, 155, 0
RGB Percent	99%, 61%, 0%
CMY	0.0078, 0.3922, 1.0000
CMYK	0.00, 0.39, 1.00, 0.01
HSL	37°, 100%, 50%
HSV	37°, 100%, 99%
XYZ	52.2294, 44.3253, 5.8029
YIQ	166.6320, 108.1630, -27.4290

# Conversions

## Conversions Part 2

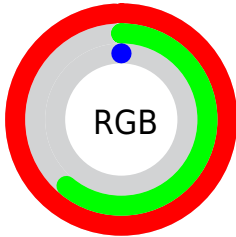
Format	Color
<b>RYB</b>	160, 253, 0
Decimal	16620288
CIELab	72.45, 28.31, 77.23
CIELCh	72, 82.253, 69.869
Yxy	44.3253, 0.5103, 0.4330
Android (android.graphics.Color)	4294810368 (0xFFFD9B00)
YUV	166.6320, -82.1496, 75.7447
Hunter-Lab	66.5773, 23.5216, 41.4364

# Details

The Hex color **FD9B00** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **0062FD**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFD24D**, and **BE6700** is the 20% darker color. If you saturate the color by 10%, you get **FD9B00**, and if you desaturate by 10%, it is **FDA519**.

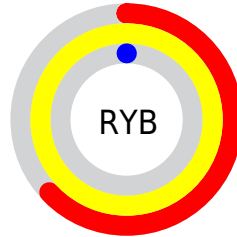
# Distribution



Red (99%)

Green (61%)

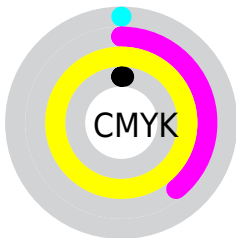
Blue (0%)



Red (63%)

Yellow (99%)

Blue (0%)

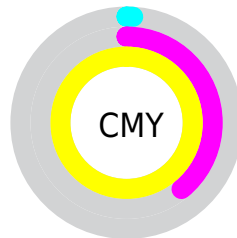


Cyan (0%)

Magenta (39%)

Yellow (100%)

Black (1%)



Cyan (1%)

Magenta (39%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FD9B00 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 FD9B00 by changing the saturation by 10% instead.



 FD9B00

 FD9B00

FFFFFF

 DD8100

 FFD24D

 BE6700

 FFEE6A

 9F4F00

 FFFF86

 803700

 FFFFA2

 632000

 FFFFBF

 460800

 FFFFDC

 2D0000

 FFFFF9

 000000

 FD9B00

 FDA519

 FDAF33

 FDB84C

 FDC265

 FDCC7F

 FDD698

 FDE0B1

 FDE9CA

 FDF3E4

# Harmonies

## Analogous

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



FF7954



FD9B00



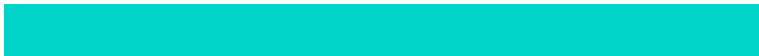
BEB600

# Triad

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



FD9B00



00D4C9



D392FF

# Complementary

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



FD9B00



0062FD

# 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



FD9B00



00D2FF

# Square

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



FD9B00



00D17B



00C8FF



FF6EE7

# Rectangle

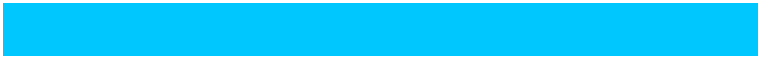
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FD9B00



8AC30A



00C8FF



AC9EFF



# Sweetspot

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



FD9B00



FFE1B3



FD0065



806E52



000000



808080



# Same Dimension

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



FD9B00



FF9C00



E4FD00



807B73



BF7500



402700



# Inverse Universe

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



0062FD



0063FF



1900FD



737880



004ABF



001940



# Previews

## White Background



This preview shows how the Hex color FD9B00 looks on a white background.

## Color Contrast Check

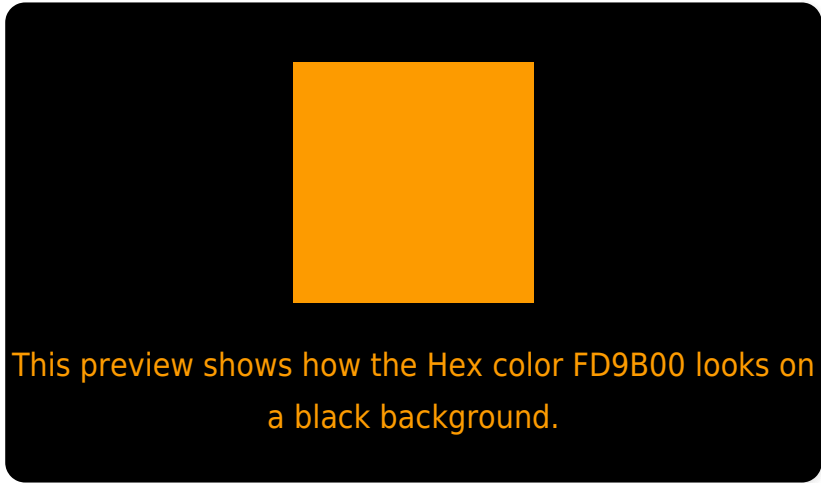
Large Text (above 18pt) WCAG AA × Fail

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 FD9B00 Background



This preview shows how black text looks on a background with the Hex color FD9B00.

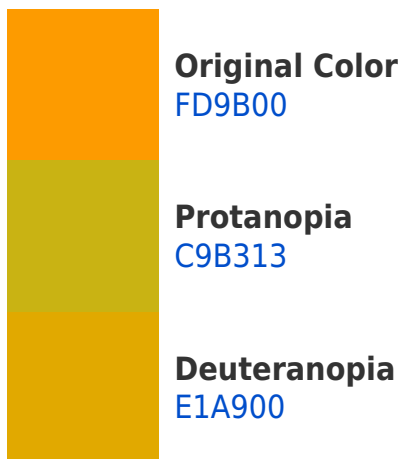


This preview shows how white text looks on a background with the Hex color FD9B00.

# 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](#).

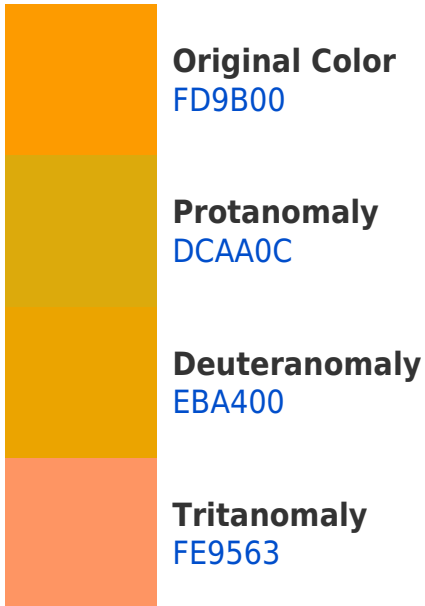
## Dichromacy



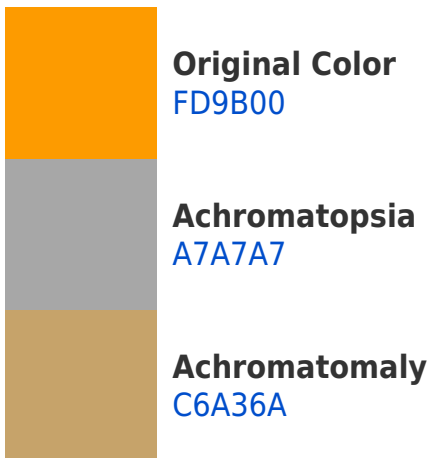


**Tritanopia**  
FF929C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FD9B00 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 #FD9B00 looks like.

```
.text, #text, p{  
    color:#FD9B00  
}
```

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 #FD9B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD9B00
}
```

## Border

The CSS property to change the border of an element to Hex FD9B00 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
#FD9B00 }
```

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

```
.border{ border-color:#FD9B00 }
```

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

Here you see how a box with a 4 pixel #FD9B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD9B00; -webkit-box-shadow:4px 4px  
4px 4px #FD9B00; box-shadow:4px 4px 4px  
4px #FD9B00 }
```

# Background

The CSS property to change the background color of an element to Hex FD9B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD9B00 }
```

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

```
.background{ background-color:#FD9B00 }
```

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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