

# Converting Colors

Hex(FF9327)

Have a look what the booklet for  
Hex(FF9327) contains.

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**Color**

**Hex(F9327)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF9327
RGB	255, 147, 39
RGB Percent	100%, 58%, 15%
CMY	0.0000, 0.4235, 0.8471
CMYK	0.00, 0.42, 0.85, 0.00
HSL	30°, 100%, 58%
HSV	30°, 85%, 100%
XYZ	52.0399, 42.2739, 7.3363
YIQ	166.9800, 99.0360, -10.6920

# Conversions

## Conversions Part 2

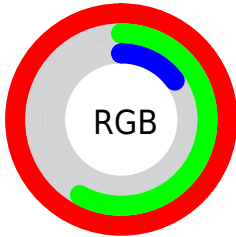
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 255, 39
Decimal	16749351
CIE Lab	71.06, 33.79, 68.72
CIE LCh	71, 76.576, 63.818
Yxy	42.2739, 0.5120, 0.4159
Android (android.graphics.Color)	4294939431 (0xFFFF9327)
YUV	166.9800, -63.0941, 77.1935
Hunter-Lab	65.0184, 29.0870, 38.8229

# Details

The Hex color **FF9327** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **2793FF**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFCA5F**, and **C05F00** is the 20% darker color. If you saturate the color by 10%, you get **FF860E**, and if you desaturate by 10%, it is **FFA041**.

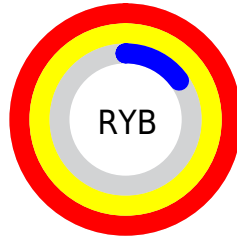
# Distribution



Red (100%)

Green (58%)

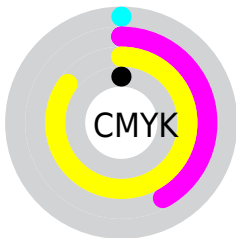
Blue (15%)



Red (100%)

Yellow (100%)

Blue (15%)

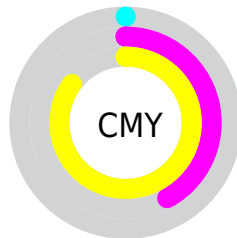


Cyan (0%)

Magenta (42%)

Yellow (85%)

Black (0%)



Cyan (0%)

Magenta (42%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF9327 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 FF9327 by changing the saturation by 10% instead.



 FF9327

 FF9327

FFFFFF

 DF7900

 FFCA5F

 C05F00

 FFE67A

 A14600

 FFFF96

 822E00

 FFFFB2

 641600

 FFFFCE

 480000

 FFFFEB

 2F0001

 000000

 FF9327

 FF9327

 FF860E

 FFA041

 FF8000

 FFAD5A

 FFB974

 FFC68D

 FFD3A7

 FFE0C0

 FFECDA

 FFF9F3

FFFFFF

# Harmonies

## Analogous

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



FF7564



FF9327



C7AE00

# Triad

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



FF9327



00CEB5



B997FF

# Complementary

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



FF9327



2793FF

# 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



FF9327



00CDFA

# Square

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



FF9327



00CA6D



00C5FF



FF77ED

# Rectangle

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



FF9327



9ABB0F



00C5FF



90A2FF



# Sweetspot

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



FF9327



FFDFBF



FF2793



806C59



000000



808080



# Same Dimension

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



FF9327



FF8000



FFFF27



807973



BF6000



402000



# Inverse Universe

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



2793FF



0080FF



2727FF



737980



0060BF



002040



# Previews

## White Background



This preview shows how the Hex color FF9327 looks on a white background.

## Color Contrast Check

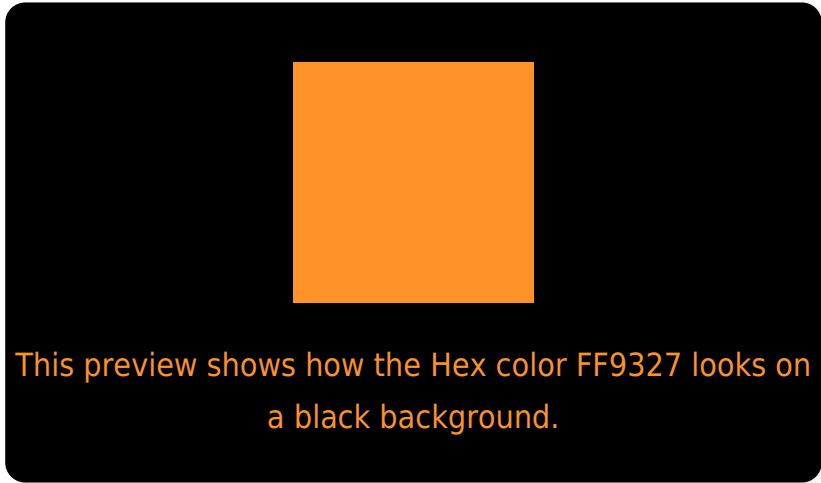
Large Text (above 18pt) WCAG AA × Fail

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 FF9327 Background



This preview shows how black text looks on a background with the Hex color FF9327.



This preview shows how white text looks on a background with the Hex color FF9327.

# 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**  
FF9327

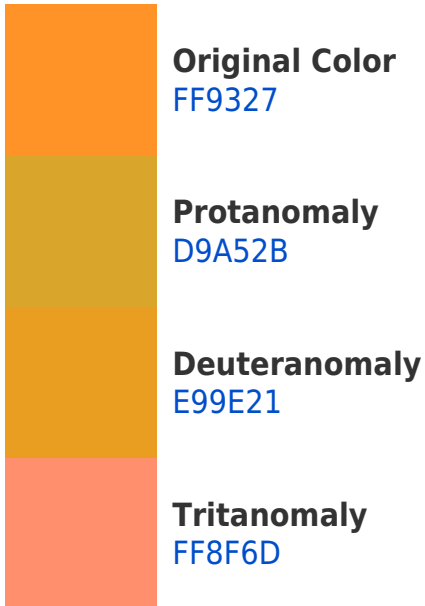
**Protanopia**  
C4AF2E

**Deuteranopia**  
DCA51D

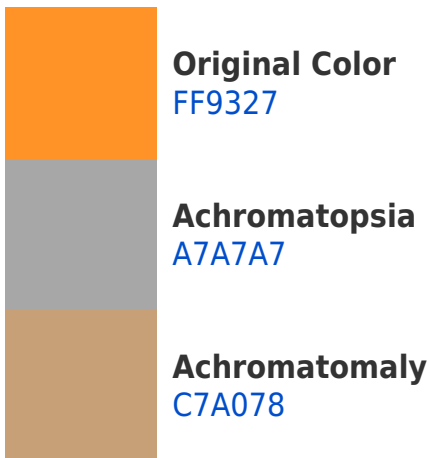


**Tritanopia**  
FF8C95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF9327 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 #FF9327 looks like.

```
.text, #text, p{  
    color:#FF9327  
}
```

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 #FF9327 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9327
}
```

## Border

The CSS property to change the border of an element to Hex FF9327 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
#FF9327 }
```

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

```
.border{ border-color:#FF9327 }
```

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

Here you see how a box with a 4 pixel #FF9327 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9327; -webkit-box-shadow:4px 4px  
4px 4px #FF9327; box-shadow:4px 4px 4px  
4px #FF9327 }
```

# Background

The CSS property to change the background color of an element to Hex FF9327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9327 }
```

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

```
.background{ background-color:#FF9327 }
```

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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