

Converting Colors

Hex(FF9240)

Have a look what the booklet for
Hex(FF9240) contains.

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Color

Hex(F99240)

Conversions

Conversions Part 1

Format	Color
Hex	FF9240
RGB	255, 146, 64
RGB Percent	100%, 57%, 25%
CMY	0.0000, 0.4275, 0.7490
CMYK	0.00, 0.43, 0.75, 0.00
HSL	26°, 100%, 63%
HSV	26°, 75%, 100%
XYZ	52.4443, 42.1879, 10.2295
YIQ	169.2430, 91.2860, -2.3940

Conversions

Conversions Part 2

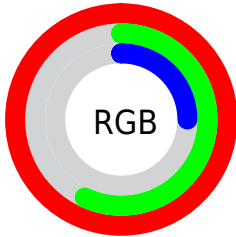
Format	Color
R_{YB}	255, 208, 64
Decimal	16749120
CIE _{Lab}	71.00, 35.10, 59.08
CIE _{LCh}	71, 68.720, 59.286
Yxy	42.1879, 0.5001, 0.4023
Android (android.graphics.Color)	4294939200 (0xFFFF9240)
YUV	169.2430, -51.8848, 75.2089
Hunter-Lab	64.9522, 30.4596, 36.1289

Details

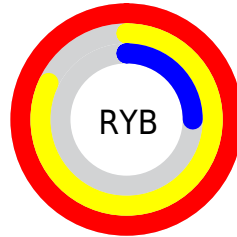
The Hex color **FF9240** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **40ADFF**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFC974**, and **C05E03** is the 20% darker color. If you saturate the color by 10%, you get **FF8326**, and if you desaturate by 10%, it is **FFA15A**.

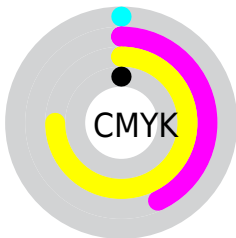
Distribution



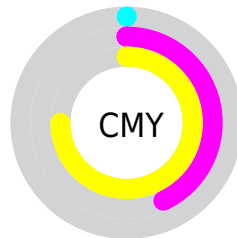
- Red (100%)
- Green (57%)
- Blue (25%)



- Red (100%)
- Yellow (82%)
- Blue (25%)



- Cyan (0%)
- Magenta (43%)
- Yellow (75%)
- Black (0%)



- Cyan (0%)
- Magenta (43%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9240 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 FF9240 by changing the saturation by 10% instead.

 FF9240

 FF9240

FFFFFF

 DF7825

 FFC974

 C05E03

 FFE58F

 A24500

 FFFFAA

 832D00

 FFFFC6

 661300

 FFFFEE

 490000

 300001

 000000

 FF9240

 FF9240

 FF8326

 FFA15A

 FF750D

 FFAF73

 FF6D00

 FFBE8D

 FFCCA6

 FFDBC0

 FFE9D9

 FFF8F3

FFFFFF

Harmonies

Analogous

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



FF7A74



FF9240



CFAA1F

Triad

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



FF9240



00CBAA



AB9EFF

Complementary

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



FF9240



40ADFF

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



FF9240



00CBE9

Square

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



FF9240



2CC66A



00C4FF



F882EF

Rectangle

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



FF9240



A7B728



00C4FF



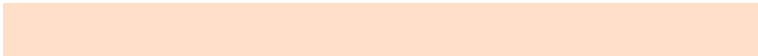
83A7FF

Sweetspot

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



FF9240



FFDFC7



FF40AF



806D5E



000000



808080

Same Dimension

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



FF9240



FF7C19



FFEF40



807873



BF5200



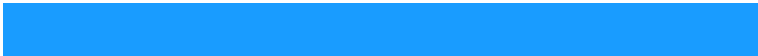
401B00

Inverse Universe

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



40ADFF



199CFF



4050FF



737A80



006DBF



002440

Previews

White Background



This preview shows how the Hex color FF9240 looks on a white background.

Color Contrast Check

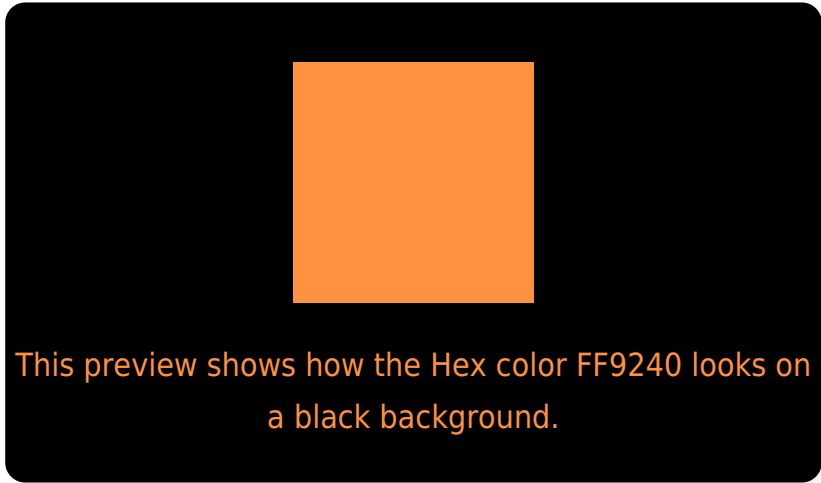
Large Text (above 18pt) WCAG AA × Fail

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 FF9240 Background



This preview shows how black text looks on a background with the Hex color FF9240.

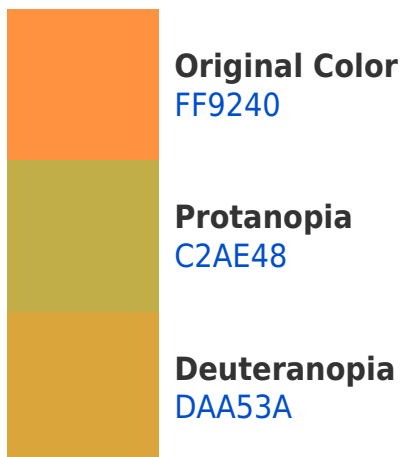


This preview shows how white text looks on a background with the Hex color FF9240.

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](#).

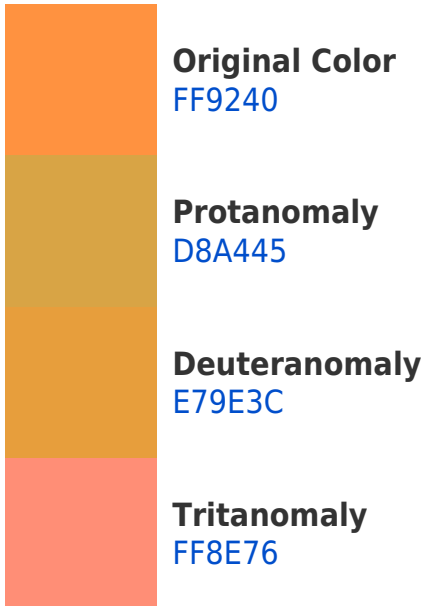
Dichromacy



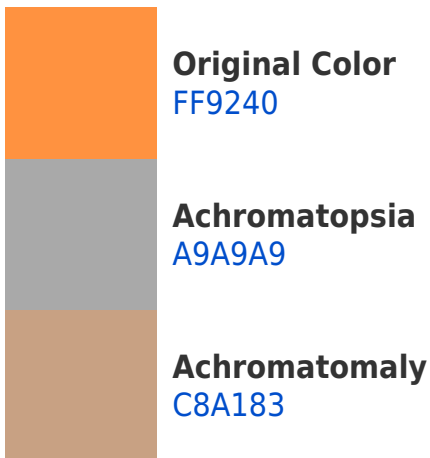


Tritanopia
FF8C95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF9240 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 #FF9240 looks like.

```
.text, #text, p{  
    color:#FF9240  
}
```

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 #FF9240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9240
}
```

Border

The CSS property to change the border of an element to Hex FF9240 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
#FF9240 }
```

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

```
.border{ border-color:#FF9240 }
```

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

Here you see how a box with a 4 pixel #FF9240 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9240; -webkit-box-shadow:4px 4px  
4px 4px #FF9240; box-shadow:4px 4px 4px  
4px #FF9240 }
```

Background

The CSS property to change the background color of an element to Hex FF9240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9240 }
```

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

```
.background{ background-color:#FF9240 }
```

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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