

Converting Colors

Hex(FF9402)

Have a look what the booklet for
Hex(FF9402) contains.

Hex(FF9402)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F99402)

Conversions

Conversions Part 1

Format	Color
Hex	FF9402
RGB	255, 148, 2
RGB Percent	100%, 58%, 1%
CMY	0.0000, 0.4196, 0.9922
CMYK	0.00, 0.42, 0.99, 0.00
HSL	35°, 100%, 50%
HSV	35°, 99%, 100%
XYZ	51.8409, 42.4442, 5.5177
YIQ	163.3490, 110.6380, -22.7220

Conversions

Conversions Part 2

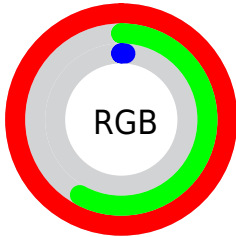
Format	Color
RYB	187, 255, 2
Decimal	16749570
CIELab	71.18, 32.76, 76.29
CIELCh	71, 83.030, 66.760
Yxy	42.4442, 0.5194, 0.4253
Android (android.graphics.Color)	4294939650 (0xFFFF9402)
YUV	163.3490, -79.5451, 80.3779
Hunter-Lab	65.1492, 28.0258, 40.5830

Details

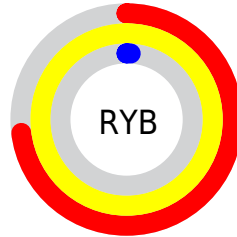
The Hex color **FF9402** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **026DFF**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFCB4D**, and **BF6000** is the 20% darker color. If you saturate the color by 10%, you get **FF9300**, and if you desaturate by 10%, it is **FF9F1B**.

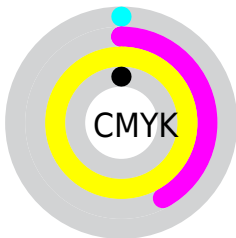
Distribution



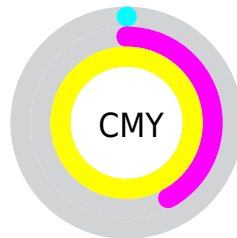
- Red (100%)
- Green (58%)
- Blue (1%)



- Red (73%)
- Yellow (100%)
- Blue (1%)



- Cyan (0%)
- Magenta (42%)
- Yellow (99%)
- Black (0%)



- Cyan (0%)
- Magenta (42%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9402 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 FF9402 by changing the saturation by 10% instead.

 FF9402

 FF9402

FFFFFF

 DF7A00

 FFCB4D

 BF6000

 FFE769

 A04800

 FFFF85

 813000

 FFFFA1

 641700

 FFFFBE

 470000

 FFFFDB

 2F0001

 FFFFF8

 000000

 FF9402

 FF9402

 FF9300

 FF9F1B

 FFAA35

 FFB44F

 FFBF68

 FFCA82

 FFD59B

 FFDFB4

 FFEACE

 FFF5E8

Harmonies

Analogous

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



FF7158



FF9402



C1B000

Triad

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



FF9402



00D0BE



C492FF

Complementary

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



FF9402



026DFF

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.



00B2FF



FF9402



00CFFF

Square

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



FF9402



00CD6F



00C6FF



FF6CEC

Rectangle

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



FF9402



8EBE00



00C6FF



999EFF

Sweetspot

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



FF9402



FFDFB3



FF0270



806C52



000000



808080

Same Dimension

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



FF9402



FF9300



EEFF02



807A73



BF6E00



402500

Inverse Universe

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



026DFF



006CFF



1302FF



737880



0051BF



001B40

Previews

White Background



This preview shows how the Hex color FF9402 looks on a white background.

Color Contrast Check

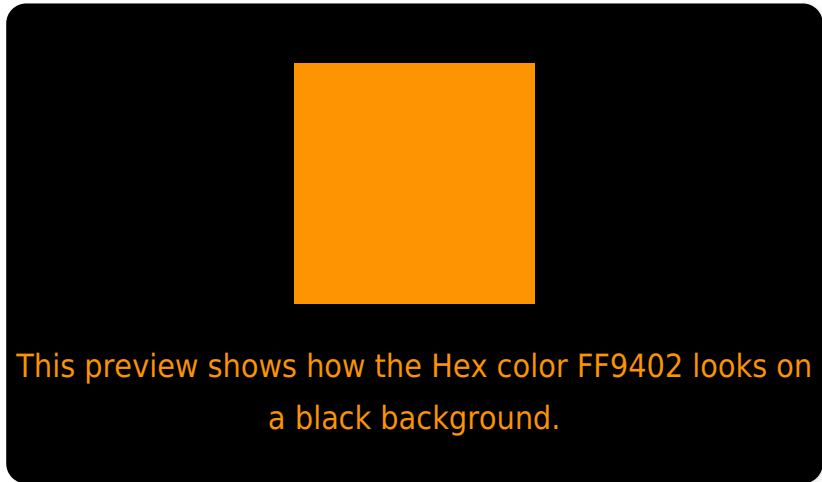
Large Text (above 18pt) WCAG AA × Fail

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 FF9402 Background



This preview shows how black text looks on a background with the Hex color FF9402.



This preview shows how white text looks on a background with the Hex color FF9402.

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
FF9402

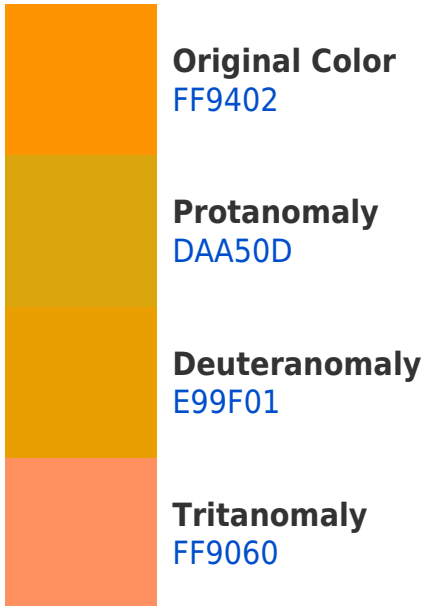
Protanopia
C5AF14

Deuteranopia
DDA600

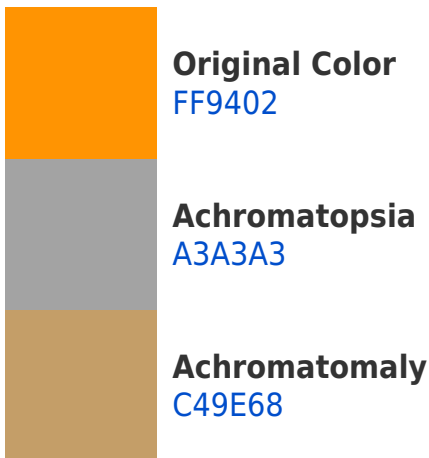


Tritanopia
FF8D96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF9402 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 #FF9402 looks like.

```
.text, #text, p{  
    color:#FF9402  
}
```

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 #FF9402 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9402
}
```

Border

The CSS property to change the border of an element to Hex FF9402 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
#FF9402 }
```

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

```
.border{ border-color:#FF9402 }
```

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

Here you see how a box with a 4 pixel #FF9402 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9402; -webkit-box-shadow:4px 4px  
4px 4px #FF9402; box-shadow:4px 4px 4px  
4px #FF9402 }
```

Background

The CSS property to change the background color of an element to Hex FF9402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9402 }
```

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

```
.background{ background-color:#FF9402 }
```

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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