

Converting Colors

Hex(FF952F)

Have a look what the booklet for
Hex(FF952F) contains.

Hex(FF952F)	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(F952F)

Conversions

Conversions Part 1

Format	Color
Hex	FF952F
RGB	255, 149, 47
RGB Percent	100%, 58%, 18%
CMY	0.0000, 0.4157, 0.8157
CMYK	0.00, 0.42, 0.82, 0.00
HSL	29°, 100%, 59%
HSV	29°, 82%, 100%
XYZ	52.5005, 42.9601, 8.2144
YIQ	169.0660, 95.9180, -9.2500

Conversions

Conversions Part 2

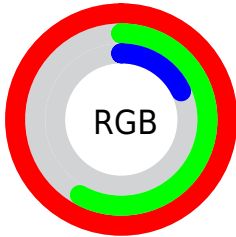
Format	Color
R _Y B	255, 247, 47
Decimal	16749871
CIE Lab	71.53, 32.97, 66.40
CIE LCh	72, 74.137, 63.594
Yxy	42.9601, 0.5064, 0.4144
Android (android.graphics.Color)	4294939951 (0xFFFF952F)
YUV	169.0660, -60.1785, 75.3641
Hunter-Lab	65.5440, 28.2760, 38.4502

Details

The Hex color **FF952F** 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 **2F99FF**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFCC66**, and **C06100** is the 20% darker color. If you saturate the color by 10%, you get **FF8816**, and if you desaturate by 10%, it is **FFA249**.

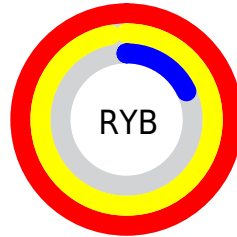
Distribution



Red (100%)

Green (58%)

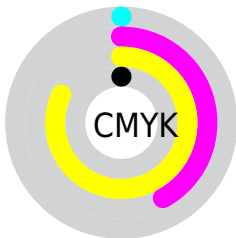
Blue (18%)



Red (100%)

Yellow (97%)

Blue (18%)

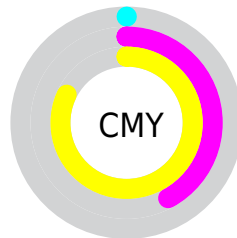


Cyan (0%)

Magenta (42%)

Yellow (82%)

Black (0%)



Cyan (0%)

Magenta (42%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF952F 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 FF952F by changing the saturation by 10% instead.

 FF952F

 FF952F

FFFFFF

 DF7B0C

 FFCC66

 C06100

 FFE881

 A14800

 FFFF9C

 833000

 FFFF88

 651800

 FFFFD5

 480000

 FFFFF2

 2F0001

 000000

 FF952F

 FF952F

FF8816

FFA249

FF7D00

FFAF62

FFBC7C

FFC995

FFD6AF

FFE3C8

FFF0E2

FFDFB

FFFFFF

Harmonies

Analogous

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



FF7968



FF952F



C9AF00

Triad

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



FF952F



00CFB6



BA9AFF

Complementary

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



FF952F



2F99FF

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



FF952F



00CEF8

Square

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



FF952F



00CA70



00C6FF



FF7BED

Rectangle

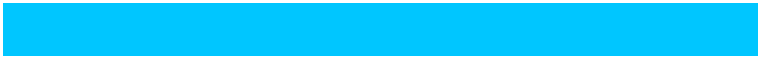
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF952F



9DBB1D



00C6FF



92A3FF

Sweetspot

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



FF952F



FFE0C2



FF2F9A



806D5B



000000



808080

Same Dimension

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



FF952F



FF8005



FFFC2F



807973



BF5E00



401F00

Inverse Universe

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



2F99FF



0584FF



2F32FF



737980



0061BF



002040

Previews

White Background



This preview shows how the Hex color FF952F looks on a white background.

Color Contrast Check

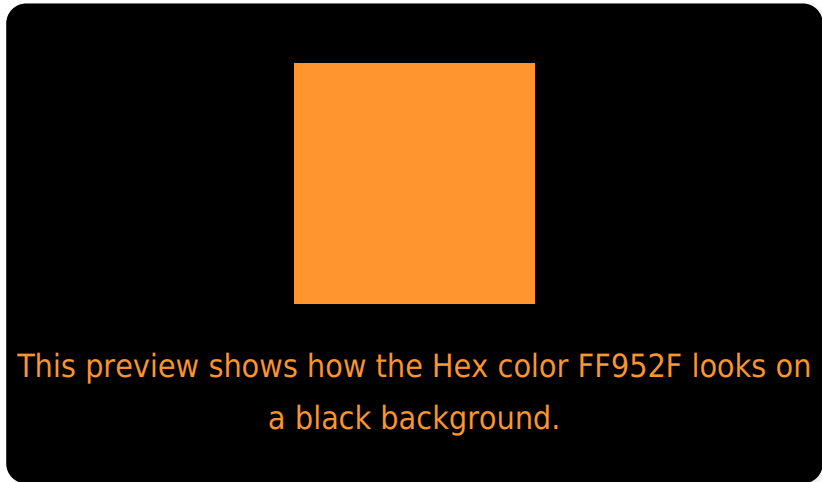
Large Text (above 18pt) WCAG AA × Fail

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 FF952F Background



This preview shows how black text looks on a background with the Hex color FF952F.

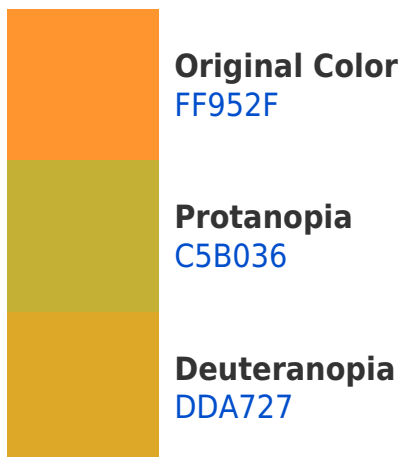


This preview shows how white text looks on a background with the Hex color FF952F.

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](#).

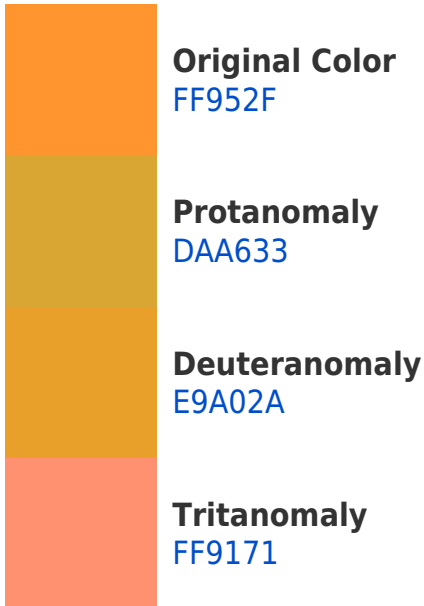
Dichromacy



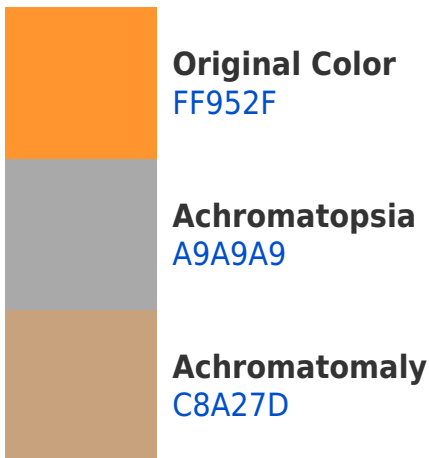


Tritanopia
FF8E97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF952F 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 #FF952F looks like.

```
.text, #text, p{  
    color:#FF952F  
}
```

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 #FF952F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF952F
}
```

Border

The CSS property to change the border of an element to Hex FF952F 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
#FF952F }
```

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

```
.border{ border-color:#FF952F }
```

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

Here you see how a box with a 4 pixel #FF952F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF952F; -webkit-box-shadow:4px 4px  
4px 4px #FF952F; box-shadow:4px 4px 4px  
4px #FF952F }
```

Background

The CSS property to change the background color of an element to Hex FF952F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF952F }
```

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

```
.background{ background-color:#FF952F }
```

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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